www.ChemScene.com

ChemScene
Chemical Reagents For Life Science

LET US SAVE YOUR TIME
WHILE YOUR R&D SAVES THE WORLD !

BUILDING BLOCKS

ChemScene was founded in 2011, focusing on providing innovative building blocks, intermediates, APIs and drug products to support medicinal chemistry discovery and drug discovery.

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Featured Products

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Services and Platforms

ABOUT **CHEMSCENE**

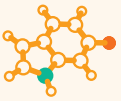
ChemScene comprehensive CRO & CDMO platform is engaged in the chemical custom synthesis, process optimization and commercial production and supply of building blocks, intermediates, APIs and drug products. ChemScene has been a leading force in the field of building blocks for many years, boasting an inventory of over 80,000 building blocks with diverse structures. Notably, 26% of these are self-developed and exclusive to ChemScene.

At the same time, we also provide ADC linker & protac, catalysts & ligands, material science and synthetic reagents , etc. It is worth mentioning that we can provide custom synthesis, process optimization and commercial production for peptides, oligonucleotides and ADC drugs to help pharmaceutical research and development!

About Us

ChemScene Featured Products

Building Blocks



- Heterocyclics
- Aromatic Rings
- Bridge Rings
- Spirol Rings
- Boronic Acids

Catalysts & Ligands

- Precious Metal Catalysts
- Organocatalysts
- Photocatalysts
- Chiral Oxazoline Ligands
- Chiral Phosphorus Ligands

ADC Linker & Protac

- PROTAC Linkers
- Ligands for E3 Ligase
- Ligand-Linker Conjugate
- ADC Linkers
- PEG Linkers

Material Science

- MOFs & COFs Materials
  Carboxylic Acid MOF Ligands
  Amino / Aldehyde Monomers
- Organic Photoelectric Materials
  (OLED / OFET / LC/PSC , etc.)

Synthetic Reagents

- Condensation Reagents
- Protection /Derivatization
- Hypervalent Iodine Oxidants
- Halogenating Reagents
- Alkylating Reagents

One-Stop CRO & CDMO Platform

Custom Synthesis | Process Optimization | Commercial Production

Our Global Footprint

R&D Platform

a. > 724411 ft^2 R&D Center Square,

b. 2,100+ R&D staff

Quality Assurance (QA)

a. Stringent quality control and verification system, certified by ISO 9001, CNAS quality management system.

b. Provide a range of quality inspection reports, including NMR, LC/MS, HPLC, chiral analysis, elementalanalysis, etc.

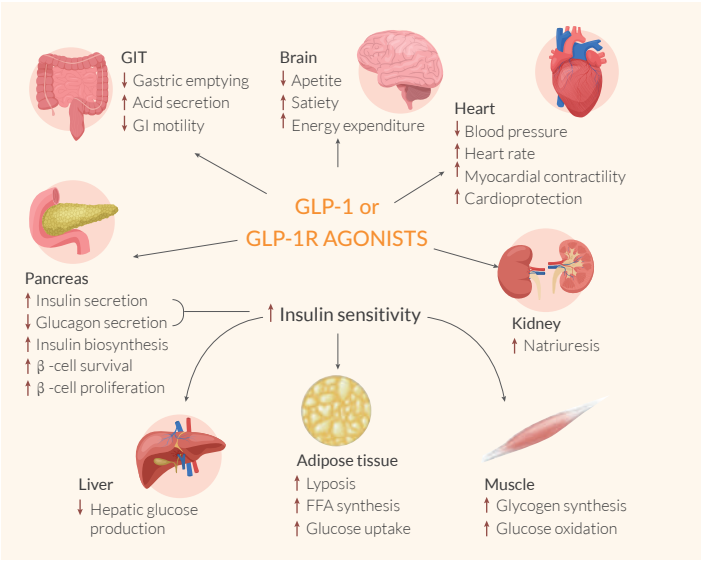
Warehouse and Logistics Network

A global network that includes many commercial and warehouse logistics centers,provide global coverage, including the US, Germany, UK, Korea, Japan, India and more.

FEATURED PRODUCTS

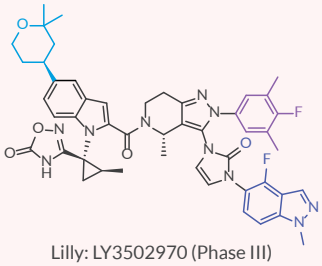
Novel Building Blocks for Small Molecule GLP-1R Agonists

GLP-1R (glucagon-like peptide-1 receptor) is a member of the class B family of peptide hormone G protein–coupled receptors (GPCRs), widely expressed in pancreas and other tissues. Activating GLP-1R can regulate blood sugar, insulin secretion and appetite, and is widely used in the treatment of type 2 diabetes and obesity. Compared with approved peptide GLP-1R agonists, small molecule GLP-1R agonists have advantages such as easy oral administration, good stability, and good permeability, and have become a hot topic in new drug research and development. According to the latest research progress on small molecule GLP-1R agonists, Chemscene has developed many novel building blocks.



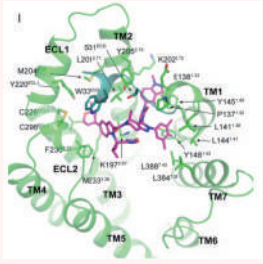
Pleitropic effects of GLP-1 or GLP-1R agonists. Cardiovascular Diabetology, 2014, 13, 142

Small Molecule GLP-IR Agonist



Lilly: LY3502970 (Phase III)

Clinical studies have shown that oral LY3502970 at different doses can significantly reduce body weight in patients at 36 weeks, up to about 15%



LY3502970 interacts with residues from both the ECD and 7TM of GLP-1R

Novel Building Blocks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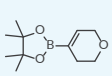
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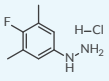
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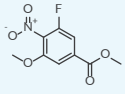
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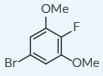
CS-B0858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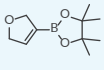
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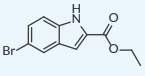
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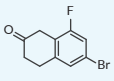
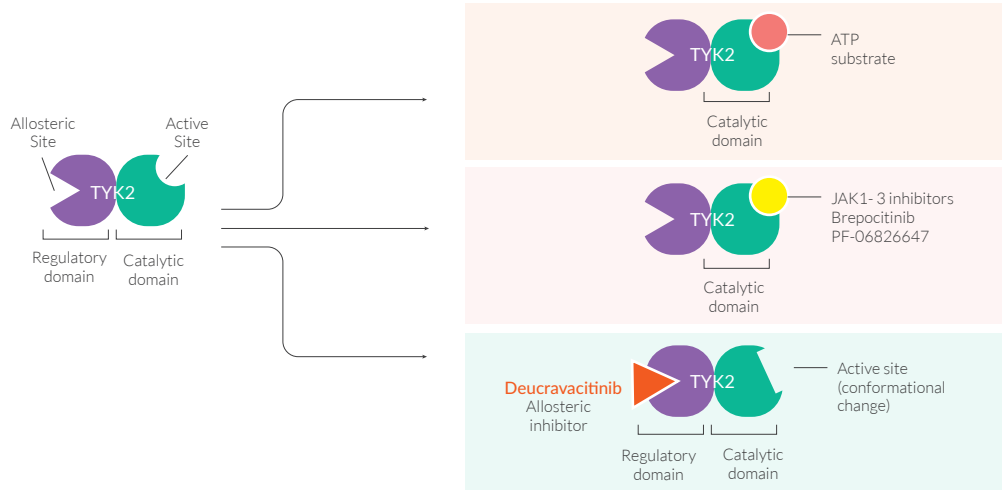

CS-0379064

Novel Building Blocks for TYK2 Inhibitors

Tyrosine kinase 2 (TYK2) is a non-receptor tyrosine kinase belonging to the JAK1, JAK2 and JAK3 families. TYK2 catalyzes downstream STAT protein phosphorylation and regulates several cytokines, including IL-23, IL-12, and IFN-α/β. Selective TYK2 inhibition provides a good clinical profile compared to currently approved JAK inhibitors.

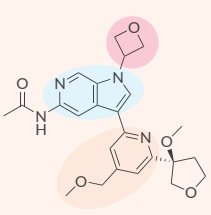
According to the latest research progress on TYK2 inhibitors, Chemscene has developed many novel building blocks.

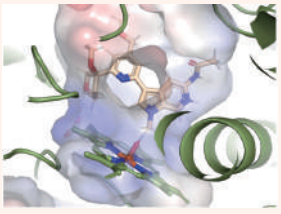


Selective versus nonselective TYK2 inhibition. IBD, 2021, 27, 2023-2030

TYK2 Inhibitors in the Clinic

ABBV-712 (Phase I)

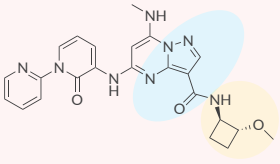


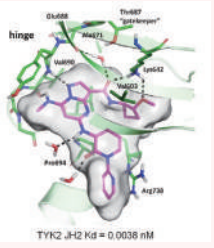


TYK2 JH2 EC_{50} = 0.01 μM
YK2 cell EC_{50} = 0.19 μM
human whole blood EC_{50} = 0.17 μM

J. Med. Chem. 2023, 66, 14335-14356

TAK-279 (Pahase III)

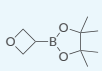




Human TYK2 JH2 K_D = 0.0038 nM
Human JAK1 JH2 K_D = 4,975 nM
Human JAK2 JH2 K_D = 23,000 nM

J. Med. Chem. 2023, 66, 10473-10496

Novel Building Blocks for TYK2 Inhibitors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CS-0043570


CS-0051642


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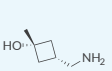
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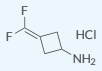
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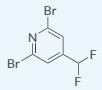
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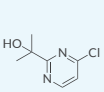
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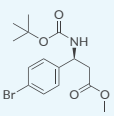
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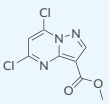
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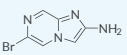
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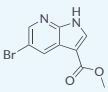
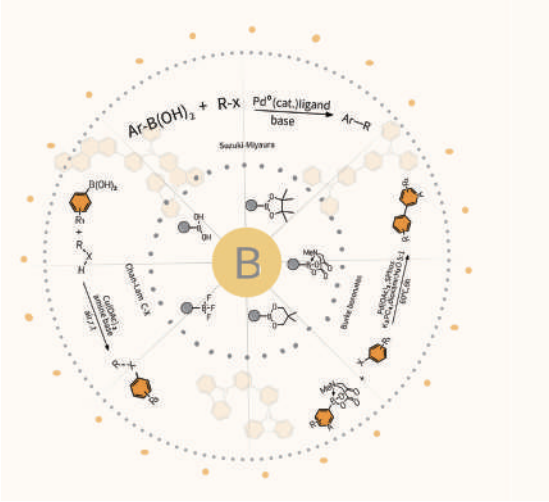

CS-B0568

Boronic Acids and Their Esters

Boronic acid and its esters compounds have attracted much attention due to the Suzuki-Miyaura coupling reaction, which was first reported by Suzuki Akira in 1979. It is an important reagent for the construction of carbon-carbon bonds and carbon-heteroatom bonds and is widely used in drug synthesis. According to an article published by Dean G. Brown et al. in the journal J. Med. Chem., there are very few types of reactions commonly used in drug synthesis, and five common reactions account for more than 80% of drug synthesis reactions, of which Suzuki reaction accounts for 19%, so Suzuki reaction plays a pivotal role in drug synthesis. ChemScene can provide 3000+ products of boronic acid and its esters, with sufficient stock, preferential prices, and quality assurance to escort your scientific research.



ALIPHATIC BORONIC ACID AND THEIR ESTERS

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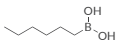
Purity: 98%

CS-W000955

CAS: 63076-51-7
Purity: 98%

CS-W000880



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CS-W005532

CAS: 1131912-76-9
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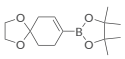
CS-W009082



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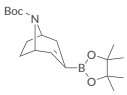

CAS: 900503-08-4
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PHENYL BORONIC ACID AND THEIR ESTERS

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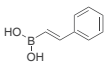

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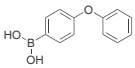

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CS-W015916

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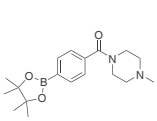
Purity: 98%

CS-0112233



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AROMATIC HETEROCYCLIC BORONIC ACIDS AND THEIR ESTERS

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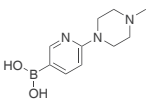
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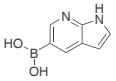
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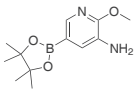
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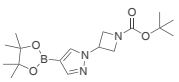
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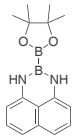
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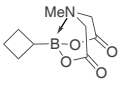
Burke boronic acids

BURKE BORONIC ACIDS

CS-0119912

CAS: 1104636-73-8
Purity: 97%

CS-0179001

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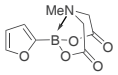
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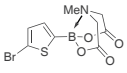
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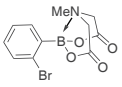
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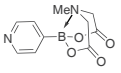
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POTASSIUM TRIFLUOROBORATE

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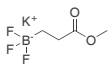
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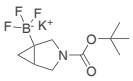
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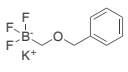
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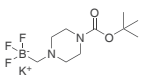
CAS: 2135480-21-4
Purity: 96%

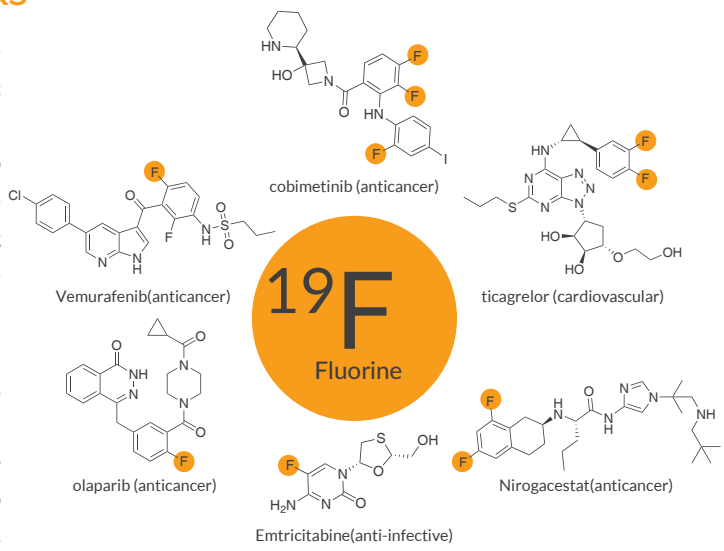
CS-WAA0264

CAS: 936329-97-4
Purity: 98%

CS-W016971

CAS: 561328-69-6
Purity: 95%

Fluorinated Building Blocks

Fluorine is called "a small atom with a big ego". It is the element with the highest electronegativity in the periodic table,and the C-F bond formed with carbon is stronger than the single bond formed with carbon and other elements, so the C-F bond is difficult to break.More importantly, the introduction of fluorine atoms or fluorine-containing substituents in organic molecules often changes the physical properties, pharmacological and physiological activities of organic molecules, which makes the application of fluorinated compounds in the fields of medicine, pesticides and functional materials attract much attention. Although fluorine is abundant in the earth's crust, there are few naturally occurring organic fluorides. Therefore, how to efficiently introduce fluorine into organic compounds has become one of the current research hot spots in organic synthesis.

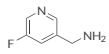


MONOFLUORO SERIES

CS-0097448

CAS: 1356113-07-9
Purity: 98%

CS-W005699



CAS: 23586-96-1
Purity: 98%

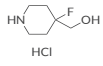
CS-W008220

CAS: 122509-72-2
Purity: 98%

CS-0061673

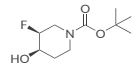
CAS: 1509922-69-3
Purity: 95%

CS-W021103



CAS: 1254115-16-6
Purity: 98%

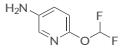
CS-0047556



CAS: 1174020-40-6
Purity: 98%

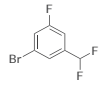
DIFLUOROMETHYL SERIES

CS-W022431



CAS: 317810-73-4
Purity: 98%

CS-0060190

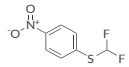


CAS: 627526-90-3
Purity: 98%

CS-0029849

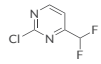
CAS: 53104-96-4
Purity: 98%

CS-0046961



CAS: 24933-57-1
Purity: 95%

CS-0101632



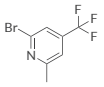
CAS: 1261629-31-5
Purity: 98%

CS-0132174

CAS: 1885-46-7
Purity: 98%

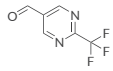
TRIFLUOROMETHYL SERIES

CS-0173548



CAS: 451459-17-9
Purity: 98%

CS-W019660

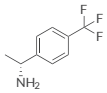


CAS: 304693-66-1
Purity: 98%

CS-0060138

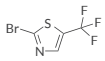
CAS: 936841-71-3
Purity: 98%

CS-B0689



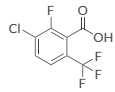
CAS: 578027-35-7
Purity: 98%

CS-0041805



CAS: 1209458-80-9
Purity: 98%

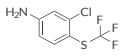
CS-0038448



CAS: 186517-41-9
Purity: 98%

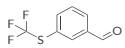
TRIFLUOROMETHYLTHIO SERIES

CS-0063855



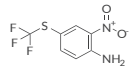
CAS: 64628-74-6
Purity: 98%

CS-W005923



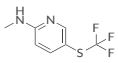
CAS: 51748-27-7
Purity: 95%

CS-0157035



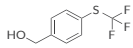
CAS: 404-74-0
Purity: 98%

CS-0777749



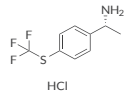
CAS: 1383948-71-7
Purity: 98%

CS-W015229



CAS: 56456-52-1
Purity: 98%

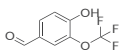
CS-0101656



CAS: 1800240-39-4
Purity: 98%

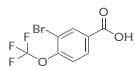
TRIFLUOROMETHOXY SERIES

CS-W015350



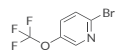
CAS: 53104-95-3
Purity: 98%

CS-0084296



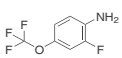
CAS: 85373-96-2
Purity: 98%

CS-W006327



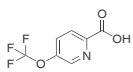
CAS: 888327-36-4
Purity: 98%

CS-W010630



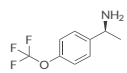
CAS: 123572-58-7
Purity: 98%

CS-0080450



CAS: 102771-66-4
Purity: 98%

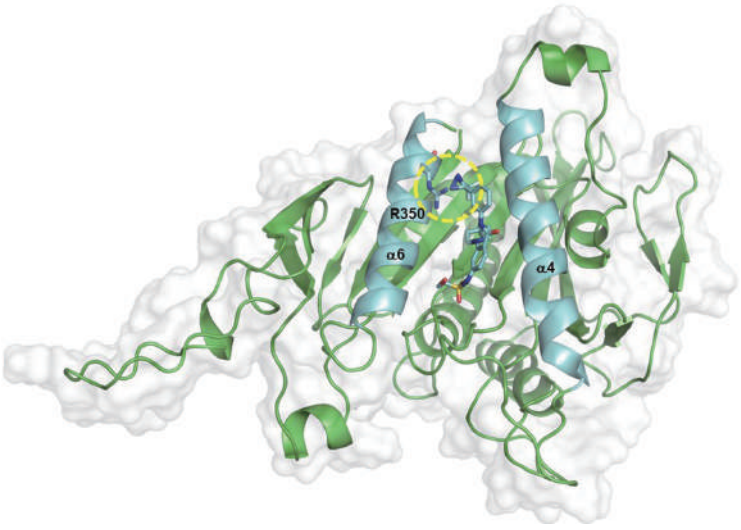
CS-B0180



CAS: 951247-75-9
Purity: 98%

Amino Acids and Derivatives

Amino acids are organic compounds containing basic amino groups and acidic carboxyl groups. Amino acid derivatives are substances synthesized from amino acids through a series of reactions, and are mainly used in the development and production of peptide drugs. Recently, the excellent efficacy of peptides represented by GLP-1 peptide drugs (such as semaglutide and dulaglutide) has led to a rapid growth in the sales of peptide drugs. Currently, over 100 peptide drugs have been approved globally, with a significant focus on therapeutic applications in cancer, type 2 diabetes, obesity, dry eye syndrome, heart failure, and other conditions. The synthesis of peptides has emerged as a prominent area of research.



Fmoc-amino Acids

Cat.No.	CAS.No.	Product Name	Purity
CS-W008475	144120-54-7	Fmoc-Glu-OAll	98%
CS-W009268	84000-11-3	Fmoc-N-Me-Val-OH	97%
CS-W008064	133174-15-9	Fmoc-Cit-OH	98%
CS-W011572	109425-55-0	Fmoc-Orn(Boc)-OH	98%
CS-W012058	77128-70-2	Fmoc-Sar-OH	98%
CS-0101214	87512-31-0	Fmoc-Ala-Ala-OH	97%
CS-W011414	187618-60-6	Fmoc-D-Arg(Pbf)-OH	98%
CS-W008558	103478-62-2	Fmoc-N-Me-Leu-OH	97%
CS-W002327	132388-59-1	Fmoc-Asn(Trt)-OH	98%
CS-0067108	81379-52-4	Fmoc-His(Boc)-OH	95%

Boc-amino Acids

Cat.No.	CAS.No.	Product Name	Purity
CS-W011808	2480-93-5	Boc-Orn(Z)-OH	98%
CS-W008325	73259-81-1	Boc-L-Dap-OH	97%
CS-W014684	31972-52-8	Boc-Gly-Gly-OH	97%
CS-W007354	24277-39-2	Boc-Glu-OtBu	98%
CS-0154577	113712-06-4	Boc-D-Arg-OH.HCl	97%
CS-W005144	84624-27-1	Boc-Lys(Fmoc)-OH	98%
CS-W014009	70642-86-3	Boc-D-Tyr-OH	98%
CS-B0426	59936-29-7	Boc-L-Pro-OMe	96%
CS-W011693	144599-95-1	Boc-Trp(Boc)-OH	98%
CS-0044702	2488-14-4	Boc-His-OMe	97%

Cbz-amino Acids

Cat.No.	CAS.No.	Product Name	Purity
CS-0158175	2483-51-4	Cbz-Ala-Ala-Ome	97%
CS-0149990	4474-86-6	Cbz-D-Asn-OH	97%
CS-W014621	1685-33-2	Cbz-D-Val-OH	95%
CS-W008326	3886-08-6	Cbz-Glu(OtBu)-OH	97%
CS-W012159	1676-75-1	Cbz-Ser(tBu)-OH	98%
CS-0539982	82882-71-1	Cbz-His(Trt)-OH	98%
CS-W009697	405-39-0	Cbz-Lys(Cbz)-OH	97%
CS-W013914	69863-36-1	Cbz-Thr(Bzl)-OH	98%
CS-W009469	1149-26-4	Cbz-Val-OH	98%
CS-WAA0071	7733-29-1	Cbz-Orn(Boc)-OH	98%

C-protected Amino Acid

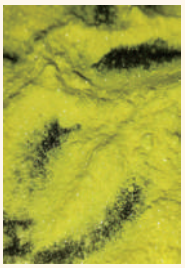
Cat.No.	CAS.No.	Product Name	Purity
CS-W008061	2748-02-9	H-Leu-OtBu.HCl	97%
CS-W007722	13404-22-3	H-Ala-OtBu.HCl	98%
CS-0041630	1001-19-0	H-D-Glu(OEt)-OEt.HCl	98%
CS-W012495	26340-89-6	H-Arg-OMe.2HCl	98%
CS-W010347	26348-70-9	H-Lys-OMe.2HCl	97%
CS-W017143	7517-19-3	H-Leu-OMe.HCl	98%
CS-W014338	5619-04-5	H-DL-Ser-OMe.HCl	98%
CS-W010556	32213-95-9	H-Asp(ome)-OMe HCl	97%
CS-W009503	16115-68-7	H-Asp(Oet)-OEt.HCl	97%
CS-0127698	4467-54-3	H-D-His-OMe.2HCl	97%

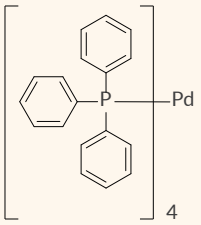
Other Amino Acids and Their Derivatives

Cat.No.	CAS.No.	Product Name	Purity
CS-W013859	86060-81-3	Fmoc-Cys(Acm)-OH	98%
CS-W007729	79069-13-9	Boc-L-Alaninol	98%
CS-W015947	3303-84-2	Boc- β -Ala-OH	98%
CS-W008269	76985-09-6	H-D-2-Nal-OH	97%
CS-0020076	16682-12-5	H-D-Orn-OH.HCl	98%
CS-W019940	372-75-8	H-Cit-OH	97%
CS-W010389	53100-44-0	Boc-Pyr-OH	97%
CS-W014566	34404-32-5	H-D-Lys(Z)-OH	98%
CS-W004697	57294-38-9	Boc-GABA-OH	97%
CS-W019152	248921-66-6	Boc-D-Ser(tBu)-OH	95%

Precious Metal Catalysts

Precious metal catalysts, such as palladium, rhodium, ruthenium, platinum, gold, iridium, etc., play important roles in multiple fields due to their unique physical and chemical properties. The d-electron orbitals of these precious metals are not fully filled, and the surface is prone to adsorbing reactants with moderate adsorption strength, which is conducive to the formation of intermediate "active compounds" and has high catalytic activity. In addition, they also have comprehensive excellent characteristics such as high temperature resistance, oxidation resistance, and corrosion resistance, making them the most important catalyst materials.





CS-W019593

Light yellow to bright yellow powder

Cross coupling reaction | Photocatalytic reaction | Asymmetric hydrogenation

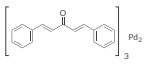
Olefin metathesis reaction | C-H bond activation | Oxidation reaction

Top 50 Trending Products Selling Right Now

PALLADIUM

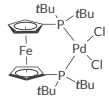
CS-W020210

CAS: 51364-51-3
Purity: 98%



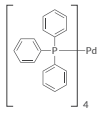
CS-B1360

CAS: 95408-45-0
Purity: 98%



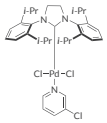
CS-W019593

CAS: 14221-01-3
Purity: 98%



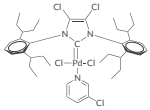
CS-W013788

CAS: 927706-57-8
Purity: 98%



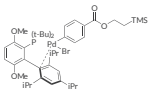
CS-0618602

CAS: 1435347-24-2
Purity: 98%



CS-0618612

CAS: 2097600-19-4
Purity: 98%



PLATINUM

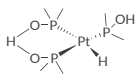
CS-W007817

CAS: 1314-15-4
Purity: 98%

PtO_2

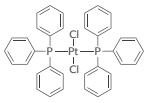
CS-0086263

Purity: 98%



CS-0085661

CAS: 15604-36-1
Purity: 98%



CS-0040180

CAS: 10025-65-7
Purity: 98%

$PtCl_2$

CS-0086015

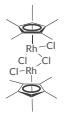
CAS: 12266-72-7
Purity: 98%

CS-0042445

CAS: 10025-99-7
Purity: 98%

K_2PtCl_4

RHODIUM

CS-0031511
CAS: 12354-85-7
Purity: 98%


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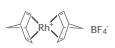
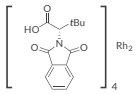
CAS: 36620-11-8
Purity: 98%


CS-W001951
CAS: 15956-28-2
Purity: 98%


CS-0077068
CAS: 154090-43-4
Purity: 98%


CS-0082353
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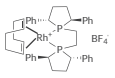
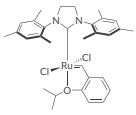
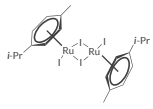
Purity: 98%


CS-0035226
CAS: 14694-95-2
Purity: 98%


RUTHENIUM

CS-W007938
CAS: 301224-40-8
Purity: 98%


CS-M3206
CAS: 90614-07-6
Purity: 98%


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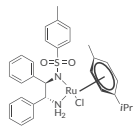

CS-0082096
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Purity: 98%


CS-M3303
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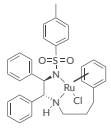
Purity: 98%


CS-0035150
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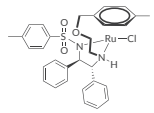
Purity: 98%


IRIDIUM

CS-W007800
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Purity: 98%


CS-0134664
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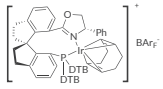
Purity: 98%


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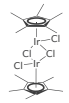

CS-0082591
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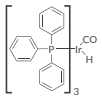
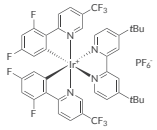
Purity: 98%


CS-1049085
CAS: 870987-63-6
Purity: 98%


CS-W020842
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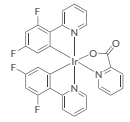
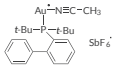
Purity: 98%


GOLD

CS-W011394
CAS: 866641-66-9
Purity: 98%


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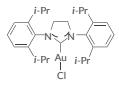
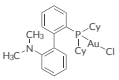
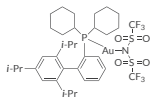


CS-0085567
CAS: 16903-35-8
Purity: 98%
$HAuCl_4$

CS-0111123
CAS: 1196707-11-5
Purity: 98%


CS-W021015
CAS: 934506-10-2
Purity: 98%


CS-0086404
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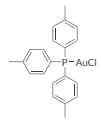
Purity: 98%


Chiral Phosphine Ligands

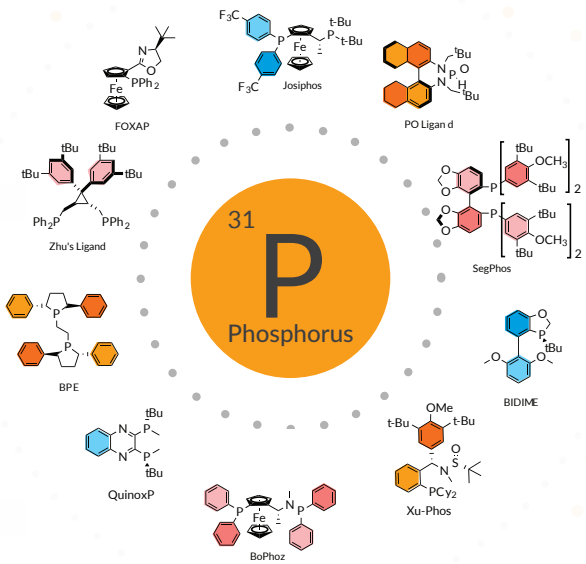
Application of Chiral Phosphine Ligands

ASYMMETRIC CATALYSIS

a. **Hydrogenation:** Rhodium and ruthenium complexes with chiral phosphine ligands are often employed in these transformations.

b. **C-C Bond Formation:** such as the Heck reaction, Suzuki coupling, and other cross-coupling reactions.

c. **Oxidation:** the selective formation of chiral alcohols and epoxides.



PHARMACEUTICAL SYNTHESIS

The ability to produce one enantiomer preferentially can lead to drugs with improved efficacy and reduced side effects.

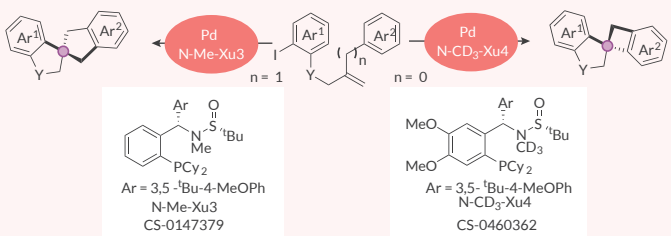
CHIRAL RESOLUTION

Chiral phosphine ligands can be used in processes that separate racemic mixtures into individual enantiomers.

Examples of Chiral Phosphine Ligands

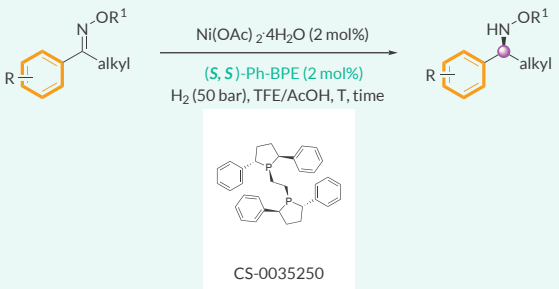
Palladium/Xu-Phos-catalyzed enantioselective cascade Heck/remote C(sp2)-CH alkylation reaction
BingXu, Danting Ji, Lizuo Wu, LujiaZhou, YuLiu, Zhan-Ming Zhang, Junliang Zhang

Chem., 2022, 8, 836- 849



Nickel-catalysed asymmetric hydrogenation of oximes.
Li, B., Chen, J., Liu, D.

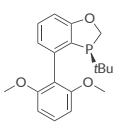
Nat. chem., 2022, 14, 920-927



BIDIME

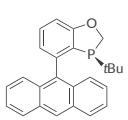
CS-W023101

CAS: 1373432-09-7
Purity: 97% 98%ee



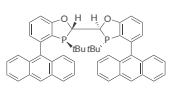
CS-0020504

CAS: 1807740-34-6
Purity: 97% 98%ee



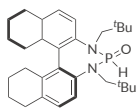
CS-0020506

CAS: 1435940-19-4
Purity: 97% 98%ee



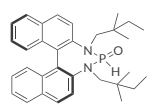
YE'S LIGAND

CS-0612114



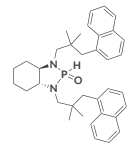
Purity: 98% 98%ee

CS-0612115



Purity: 97% 98%ee

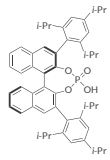
CS-0226544



Purity: 98% 98%ee

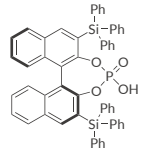
CHIRAL PHOSPHONIC ACID

CS-0030546



CAS: 791616-63-2
Purity: 97% 98%ee

CS-B0723



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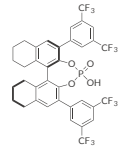
Purity: 97% 98%ee

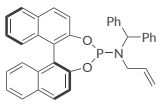
CS-0092713



CAS: 1011465-24-9
Purity: 97% 98%ee

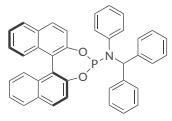
CHIRAL PHOSPHOROUS AMIDE

CS-0131808



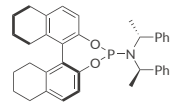
CAS: 2375836-77-2
Purity: 97% 98%ee

CS-0096704



CAS: 1435947-11-7
Purity: 97% 98%ee

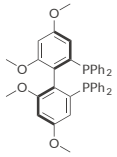
CS-0087692



CAS: 479413-76-8
Purity: 97% 98%ee

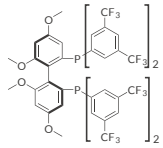
GARPHOS & P-PHOS

CS-0087657



CAS: 1365531-75-4
Purity: 97% 98%ee

CS-0087265



CAS: 1365531-85-6
Purity: 97% 98%ee

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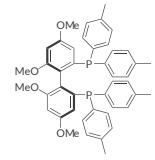
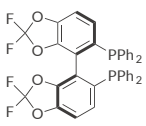


CAS: 1365531-82-3
Purity: 97% 98%ee

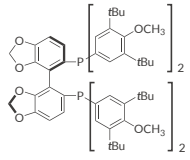
SEGPHOS

CS-0087695



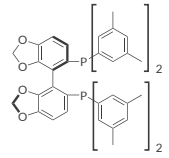
CAS: 503538-69-0
Purity: 97% 98%ee

CS-0035272



CAS: 566940-03-2
Purity: 98% 98%ee

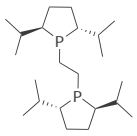
CS-0086014



CAS: 850253-53-1
Purity: 97% 98%ee

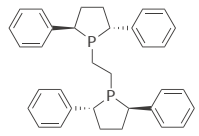
DUPHOS & BPE

CS-0106017



CAS: 136705-63-0
Purity: 97% 98%ee

CS-0086378



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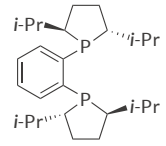
Purity: 97% 98%ee

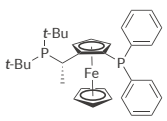
CS-0106020



CAS: 136705-65-2
Purity: 97% 98%ee

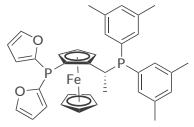
JOSIPHOS

CS-0031529



CAS: 277306-29-3
Purity: 97% 98%ee

CS-0108455



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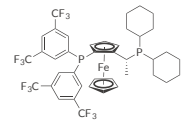
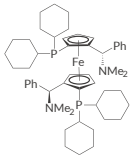
CS-0031530



CAS: 292638-88-1
Purity: 97% 98%ee

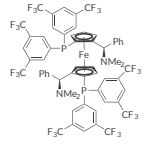
MANDYPHOS

CS-0108636



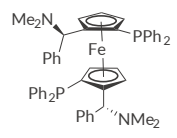
CAS: 849924-78-3
Purity: 97% 98%ee

CS-0085933



CAS: 494227-36-0
Purity: 97% 98%ee

CS-0108053



CAS: 174467-31-3
Purity: 97% 98%ee

Chiral Oxazoline Ligands

Since Professor Brunner and his colleagues first designed oxazoline ligands, a series of chiral oxazoline ligands have been successfully developed. These ligands are easy to modify and have high stereoselectivity, and can be divided into: Pyox, Pybox, Box, Biox, Phox, Sox, Dbfox, Tox, Spirobox, Olefox, Boxmi, etc. (Figure 1).

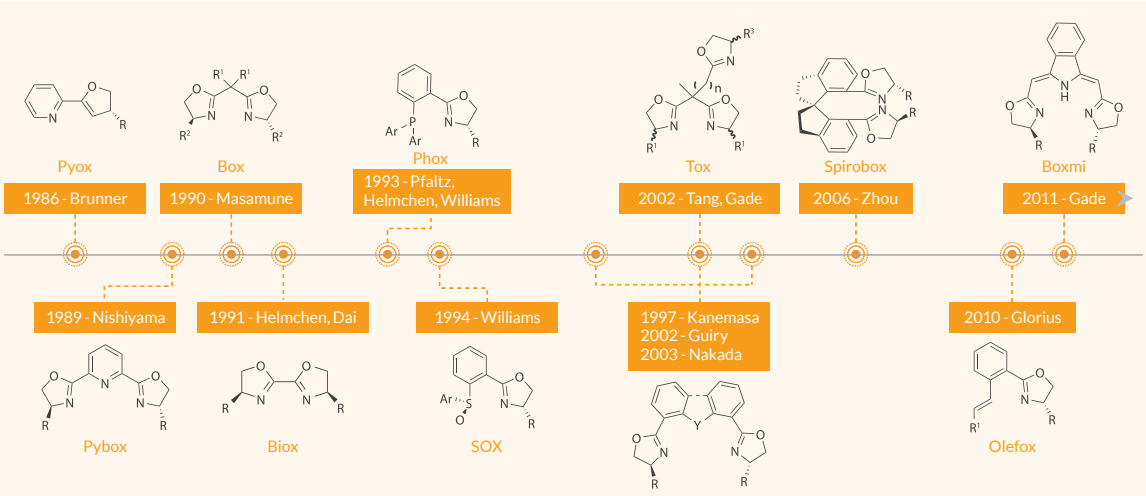
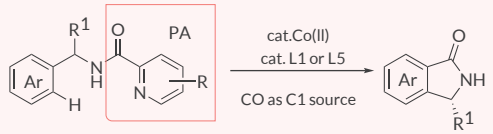


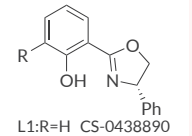
Figure 1 Development Table of Chiral Oxazoline Ligands

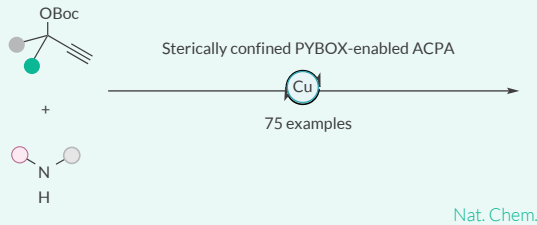
Application of Chiral Oxazoline Ligands

- Cross coupling reaction
- Uncommon asymmetric reactions
- Olefin isomerization
- (Aza) Wacker type reactions
- Asymmetric reduction reactions
- Asymmetric bifunctionalization of olefins

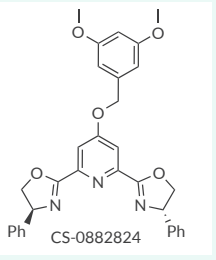


Angew. Chem. Int. Ed. 2024, 63, e202318803.





Nat. Chem. 2024, 16, 521–532

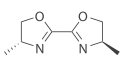


Top 50 Trending Products Selling Right Now

BIOX

CS-0113767

CAS: N/A
Purity: 97%



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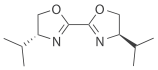
Purity: 97%



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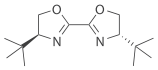
Purity: 97%



CYCLO-BRIDGE BOX

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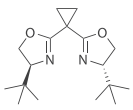

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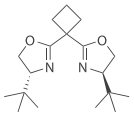

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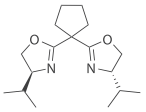

FERROX & PHOSFERROX

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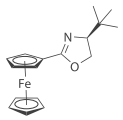

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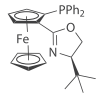

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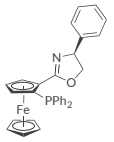
Purity: 97%



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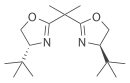
Purity: 97%



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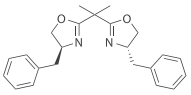

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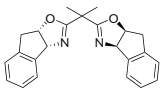

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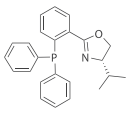
Purity: 98%



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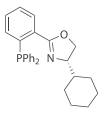
CAS: 2634687-58-2
Purity: 98%



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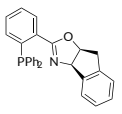

PYBOX

CS-W012123

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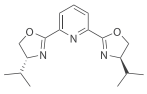
Purity: 97%



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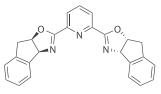

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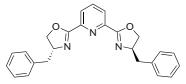


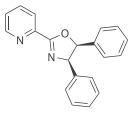
PYOX

CS-0087140

CAS: 242482-28-6
Purity: 97%

CS-0145107

CAS: 1108603-34-4
Purity: 97%



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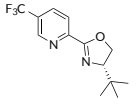

QUINOX & IQUINOX

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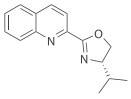

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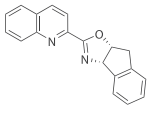

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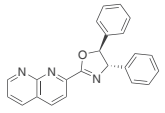

SABOX & TOX

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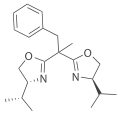

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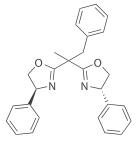

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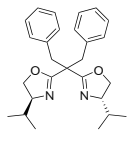
Purity: 97%

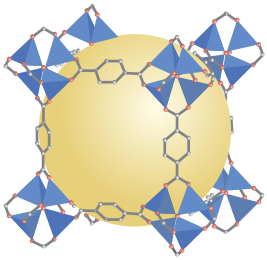


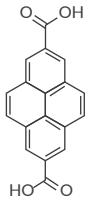
MOFs & COFs Materials

Metal-Organic Framework (MOF) Materials

MOFs are new types of porous crystalline materials that are self-assembled by combining metal as the crystal center and organic compounds as the ligands through ligand bonding.

MOFs have a wide range of applications because the metal ions of MOFs provide shaped pores and the organic ligands can flexibly change their properties. As a new star in new materials, the development of MOFs materials has only been experienced for more than twenty years, but has achieved remarkable research results in many fields, such as gas storage, adsorption and separation, luminescent materials and their sensing materials, catalytic materials, molecular sieves and composites, sensors and capacitors, environmental detection, adsorption and separation of organic molecules and heavy metal ions, drug delivery and biomedicine, and so on.





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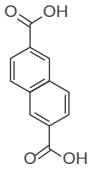

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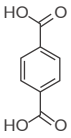

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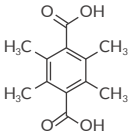

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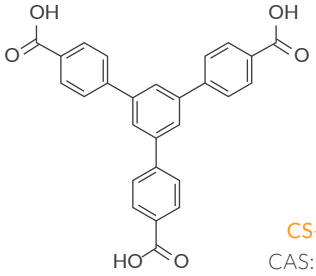

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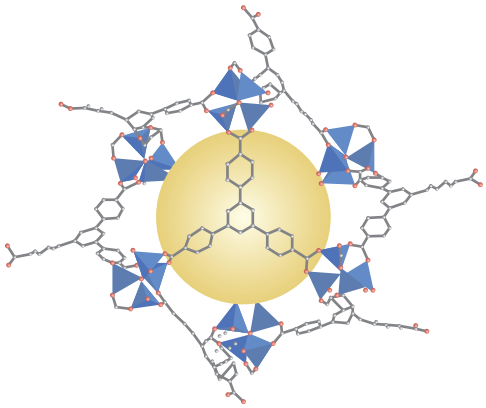


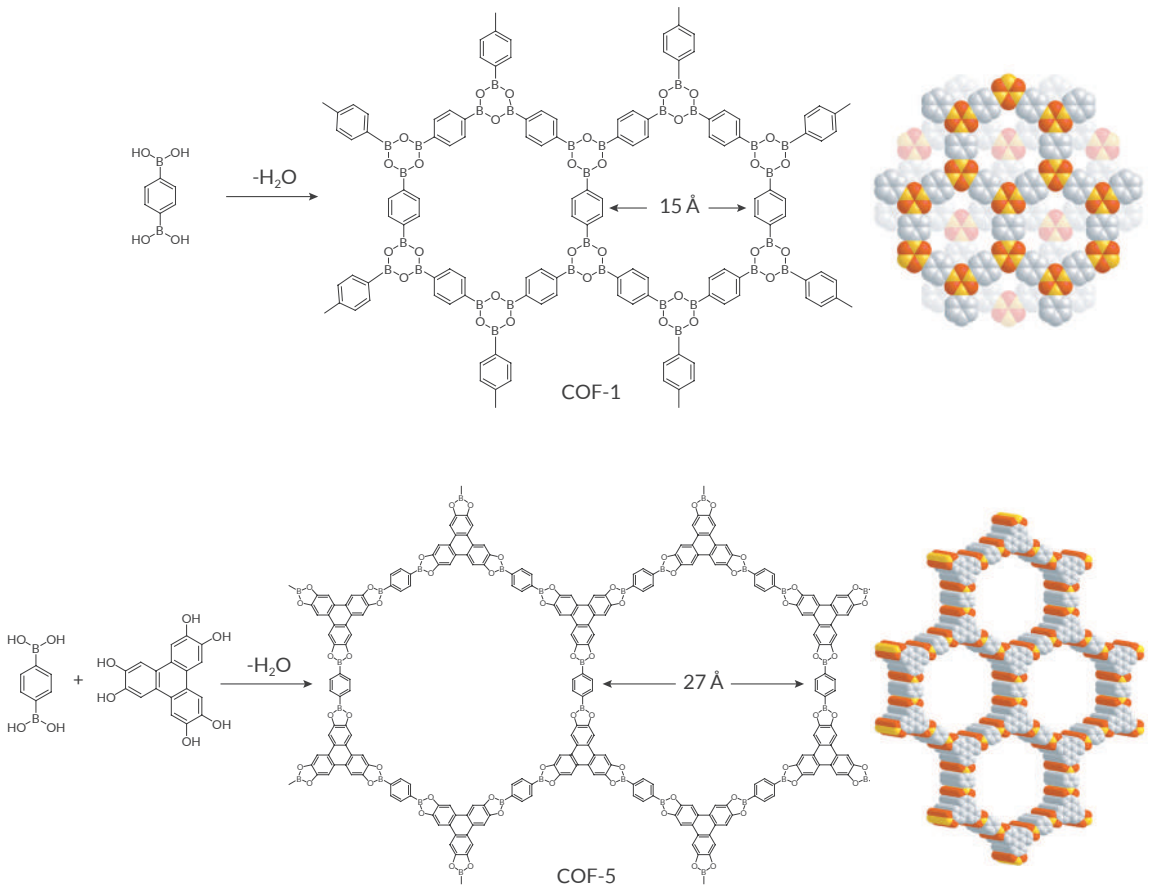
Various MOFs can be designed based on the number of metal ligands and organic ligand structure and additional functional groups can be introduced into the organic ligands to give MOFs unique functions. ChemScene can provide more than 1,000 kinds of organic ligands (carboxylic acid MOF ligands, nitrogenous MOF ligands, porphyrinic MOF ligands, etc.) as well as a wide range of finished MOFs. ChemScene's rigorous attitude of "attacking scientific research and breaking down barriers" will help you in your scientific exploration.

ChemScene MOF Materials In-stock

Cat.No.	CAS.No.	Product Name	Purity
CS-0111072	46201-07-4	ZIF-67(Co)	98%
CS-0111073	945215-37-2	ZIF-14	98%
CS-0111074	59061-53-9	ZIF-8	98%
CS-0379144	1579984-19-2	MOF-808(Zr)	98%
CS-0200272	1565828-96-7	MOF-74(Mg)	98%
CS-0111588	1072413-89-8	UiO 66	98%
CS-0111616	1260119-00-3	UiO-66-NH2	98%
CS-0182924	1356031-63-4	UIO-66-(OH)2	98%
CS-0111582	1334722-04-1	UIO-66-COOH	98%
CS-0534189	1801427-51-9	Ce-UiO-66	98%
CS-0111607	1072413-83-2	UiO 67	98%
CS-0200265	1260119-02-5	UiO-66-Br	98%
CS-0379227	876661-00-6	MIL-101(Cr) F Free	98%
CS-0111070	1195763-37-1	MIL-100(Fe)	98%
CS-0379154	1404201-64-4	NH-MIL-101(Al)	98%
CS-0379178	1370461-06-5	Al-Fum	98%
CS-0182916	222404-02-6	HKUST-1	98%

Covalent Organic Frameworks (COF) Materials and Its Monomers

Covalent organic frameworks (COFs) are two-dimensional or three-dimensional crystalline porous polymer materials formed by organic structural units connected by covalent bonds. In 2005, Yaghi et al. synthesized it for the first time by a hydrothermal method, organic porous framework compounds COF-1 and COF-5 linked by B-O covalent bonds, which were obtained by the self-condensation of p-phenylene diboronic acid or the condensation with hexahydroxytriphenylene benzene, respectively.



Construction of COF-1 and COF-5

In fact, COFs and MOFs are now one of the most popular research topics in the field of materials science, with their unique advantages and applications in molecular adsorption and separation, catalysis, photovoltaics and energy. The potential of their applications has been a source of great interest for many researchers.

COFs Materials and Its Monomers

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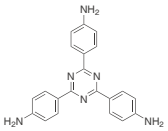

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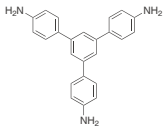

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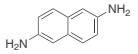

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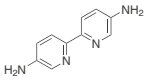

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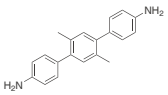

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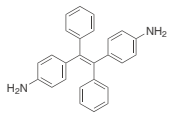

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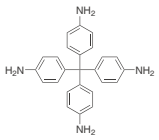

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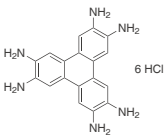

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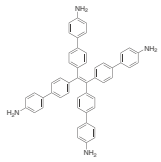

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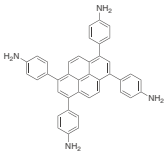

CS-0085620
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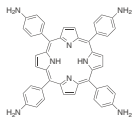
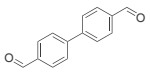
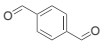
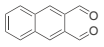
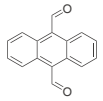
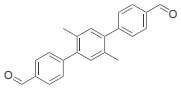
Purity: 98%


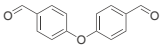
CS-0127999
CAS: 66-98-8
Purity: 98%


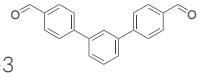
CS-W020006
CAS: 623-27-8
Purity: 98%


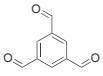
CS-W017004
CAS: 7149-49-7
Purity: 98%


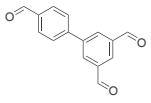
CS-0168455
CAS: 7044-91-9
Purity: 98%


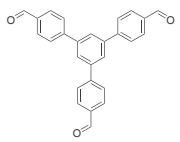
CS-0111304
CAS: 857412-04-5
Purity: 98%


CS-0169903
CAS: 2215-76-1
Purity: 98%


CS-0110222
CAS: 171820-02-3
Purity: 98%


CS-W004621
CAS: 3163-76-6
Purity: 98%


CS-0110272
CAS: 187281-19-2
Purity: 98%


CS-0110998
CAS: 118688-53-2
Purity: 98%


CS-0110721
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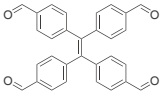
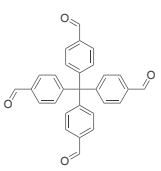
Purity: 98%


CS-0110588
CAS: 617706-61-3
Purity: 98%


CS-0110942
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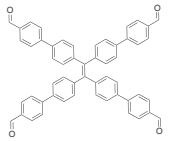
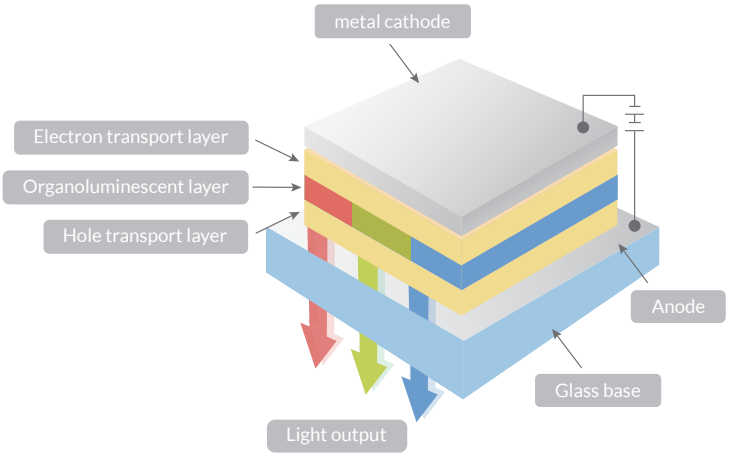
Purity: 98%


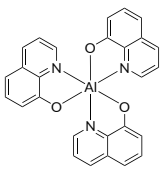
Organic Photoelectric Materials

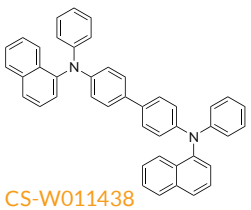
1 Organic Light Emitting Diode (OLED)

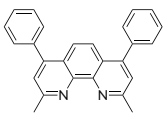
Organic Light Emitting Diodes (OLED) devices are self-illuminating, thin in thickness, low power consumption, wide viewing angle, high display brightness, and vivid colors. They have received much attention and are gradually entering the mainstream display market. After the first discovery of OLED devices through double-layer organic films, we began to study its practical applications. Now more research is generally on a five-layer structure of OLED, which effectively improves the carrier injection efficiency and can also control the RGB color at the emission by selecting different doping materials of the main layer. ChemScene can provide a full range of five-layer materials and host-layer doping materials to help your research and production.

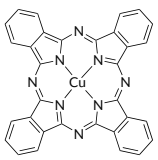


Schematic diagram of OLED luminous principle

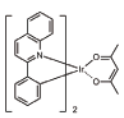

CS-0168867


CS-W011438


CS-D1200

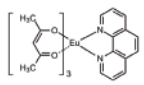

CS-0106388

CS-0110564



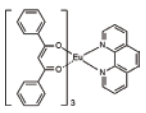
CAS: 1173886-71-9
Purity: 98%

CS-0111871



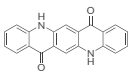
CAS: 17568-09-1
Purity: 98%

CS-0111869



CAS: 17904-83-5
Purity: 98%

CS-0433180

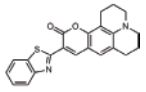


CAS: 1047-16-1
Purity: 99%

CS-W007596

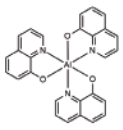
CAS: 94928-86-6
Purity: 98%

CS-0168887



CAS: 85642-11-1
Purity: 98%

CS-0000015

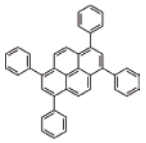


CAS: 2085-33-8
Purity: 99%

CS-0134016

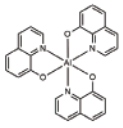
CAS: 198-55-0
Purity: 99%

CS-0168375



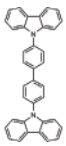
CAS: 13638-82-9
Purity: 98%

CS-0000015



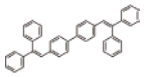
CAS: 2085-33-8
Purity: 99%

CS-W011519



CAS: 58328-31-7
Purity: 98%

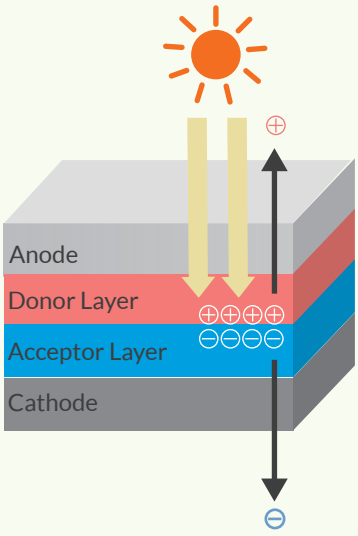
CS-0156576



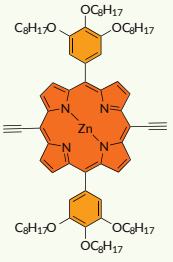
CAS: 142289-08-5
Purity: 99%

2 OFET and OPV Materials

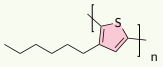
The high solubility and low cost of organic compounds have enabled large-scale and highly accurate electronic printing on soft substrates (e.g., paper and film). For example, organic field effect transistors are a very promising component composition for the next generation of electronic devices, thin and flexible organic semiconductor materials are expected to be used for foldable electronic circuits and implantable biosensors; organic photovol-taic materials have the advantages of flexibility, cost-effective synthesis, adjustable color, good film formation, large area printing preparation, and can operate at low temperature, but the conversion efficiency of OPV materials reported so far is small, so mainly research is focused on improving the conversion efficiency of OPV materials.



Donor

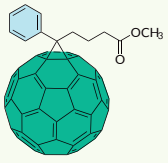


CS-0611642

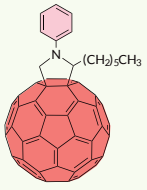


CS-0159935

Acceptor



CS-0044666

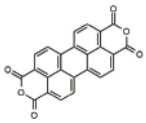


CS-0163585

ChemScene provides a vast range of products used in OFET and OPV research, such as fullerene and non-fullerene receptor materials, various high-purity, high-performance p-type and n-type organic semiconductors (including small molecules and polymers), etc.

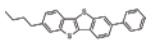
CS-0031511

CAS: 128-69-8
Purity: 98%



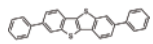
CS-0035169

CAS: 1781261-91-3
Purity: 98%



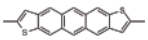
CS-W001951

CAS: 900806-58-8
Purity: 98%



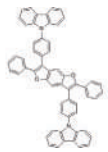
CS-0077068

CAS: 1019983-99-3
Purity: 98%



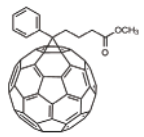
CS-0082353

CAS: 1092578-51-2
Purity: 98%



CS-0035226

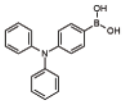
CAS: 160848-22-6
Purity: 97%



3 Organic Semiconductor Synthetic Blocks

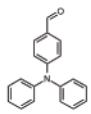
CS-W000896

CAS: 201802-67-7
Purity: 98%



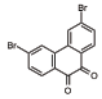
CS-W002432

CAS: 4181-05-9
Purity: 95%



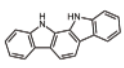
CS-0080728

CAS: 53348-05-3
Purity: 97%



CS-0126964

CAS: 60511-85-5
Purity: 97%

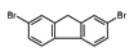


CS-W002378

CAS: 51751-44-1
Purity: 98%

CS-W002120

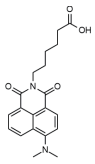
CAS: 16433-88-8
Purity: 98%



4 Photonic / Optical Materials

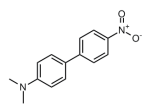
CS-0639976

CAS: 582300-47-8
Purity: 98%



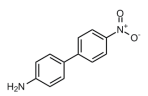
CS-0207128

CAS: 2143-87-5
Purity: 95+%



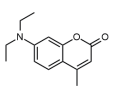
CS-0312908

CAS: 1211-40-1
Purity: 96%



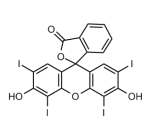
CS-0009995

CAS: 91-44-1
Purity: 98%



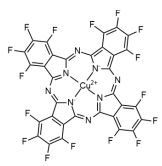
CS-0030748

CAS: 15905-32-5
Purity: 98%

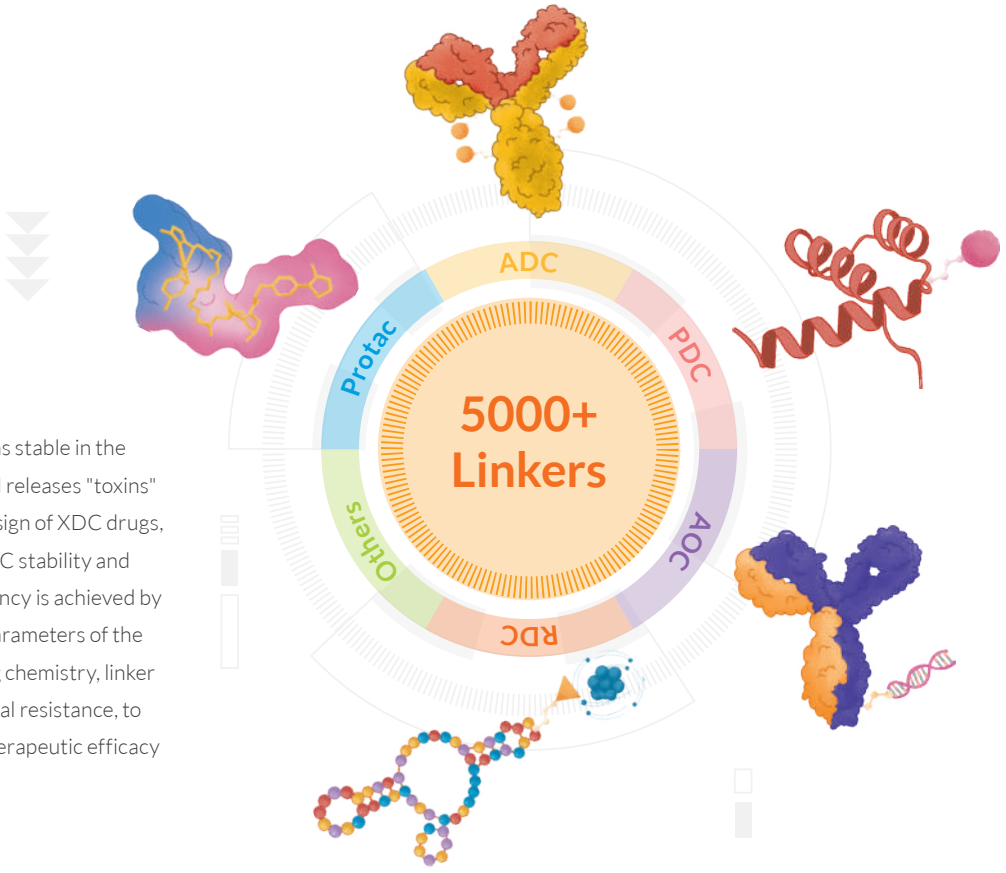


CS-0163580

CAS: 14916-87-1
Purity: 97%



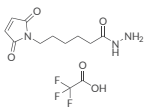
Linker



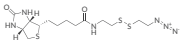
The ideal linker remains stable in the circulatory system and releases "toxins" in the tumor. In the design of XDC drugs, a balance between XDC stability and payload release efficiency is achieved by adjusting important parameters of the linker, such as coupling chemistry, linker length, and linker spatial resistance, to achieve the desired therapeutic efficacy of XDC drugs.

- 5,000+ Products, Complete Varieties, High Spot Rate
- Provide Linker Synthesis, Toxin Synthesis and Linker-Toxin Synthesis Services
- Provide Linker-Toxin and Antibody Conjugation Custom Service

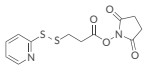
CS-M1810
CAS: 151038-94-7
Purity: 99%



CS-0115208
CAS: 1620523-64-9
Purity: 98%



CS-5649
CAS: 68181-17-9
Purity: 98%



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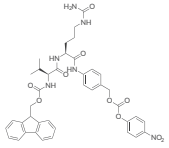
Purity: 98%



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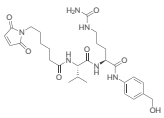
Purity: 96%



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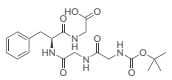
Purity: 98%



CS-B1513
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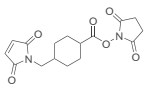
Purity: 98%



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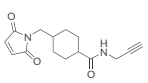
Purity: 98%



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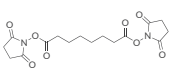
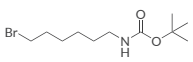
Purity: 98%



CS-W012277



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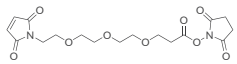

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Purity: 98%

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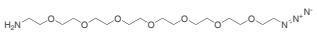
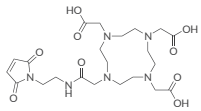


CAS: 1333154-77-0
Purity: 95%

CS-0127560



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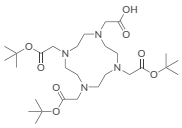

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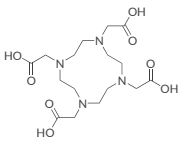

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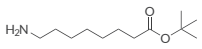

CAS: 102522-32-7
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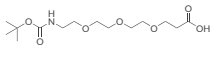

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Purity: 98%

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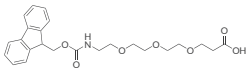

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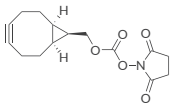

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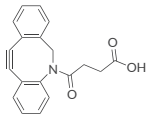

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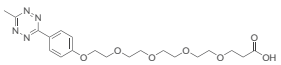
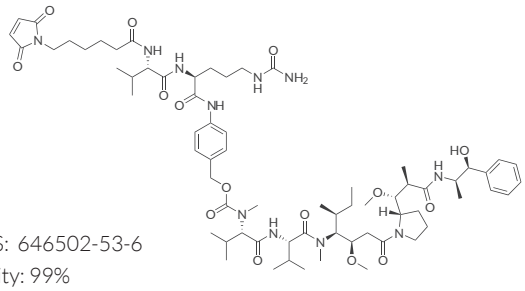


CAS: 1802907-91-0
Purity: 95%

CS-1242



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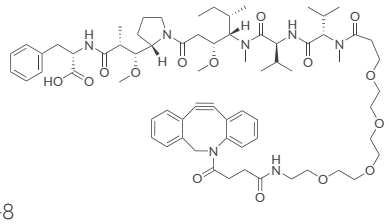
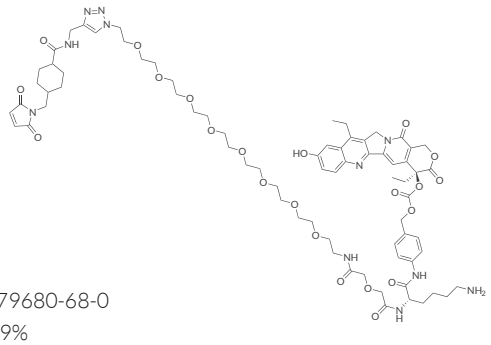


CAS: 2360411-65-8
Purity: 99%

CS-0102784



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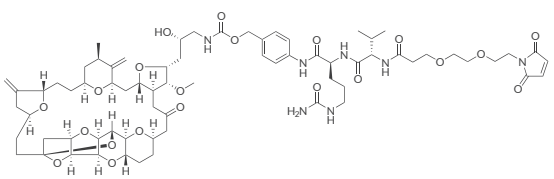

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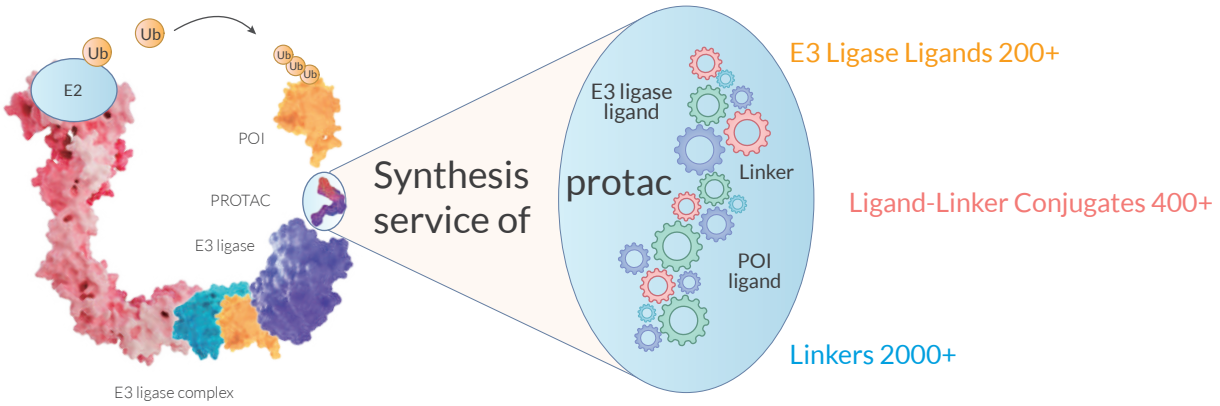
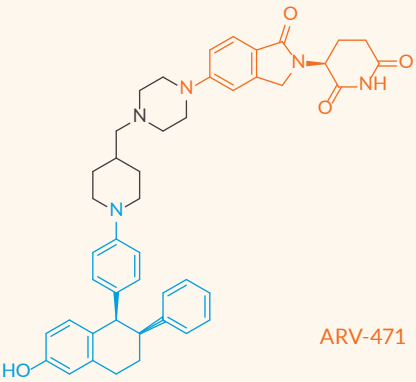
Purity: 99%

PROTAC



PROTAC (Protein Degradation Targeted Chimera) is a drug development technology that utilizes the cellular ubiquitin-proteasome system to remove unwanted or damaged target proteins by coupling the target protein ligand to the E3 ubiquitinase ligand via a linker.

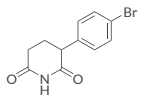
Compared with traditional small molecule inhibitors, PROTAC has unique advantages, such as targeting intracellular "undruggable" targets, overcoming the problem of drug resistance in tumors, being orally consumable, easy to prepare, and low cost. Currently, there are more than 20 drugs in research and development, among which the fastest progress is ARV-471, which is currently in clinical phase III.



E3 Ligase Ligands

CRBN

CS-0343245



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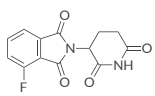

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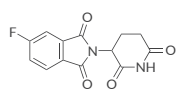

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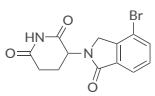
CS-0091191



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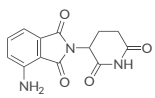
CS-0165



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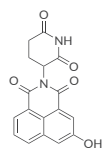
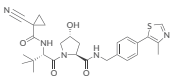


CAS: 2407829-65-4
Purity: 98%

VHL

CS-7721

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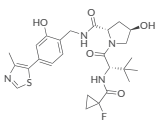
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Purity: 98%

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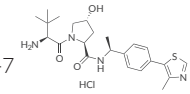
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CLAP1

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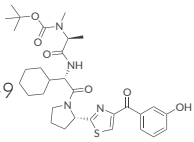
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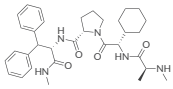
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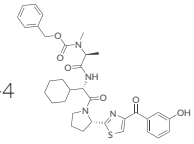
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Purity: 98%

OTHERS

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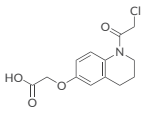
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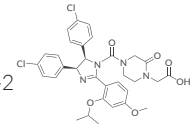
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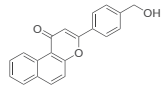
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Purity: 98%

LINKERS

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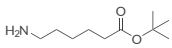
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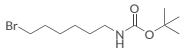
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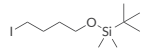
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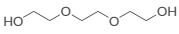
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Purity: 99%

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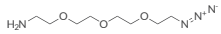
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Purity: 97%

CS-0031590

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Purity: 99%

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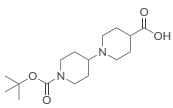
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Purity: 97%

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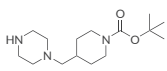
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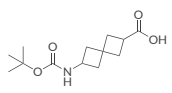
Purity: 98%

CS-0050355

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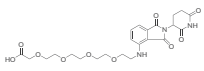
Purity: 97%

LIGAND-LINKER CONJUGATES

CS-B1583

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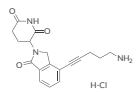
CS-0115018

CAS: 2411681-88-2
Purity: 95%

CS-1181261

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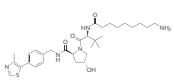
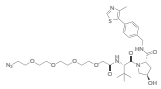
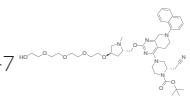
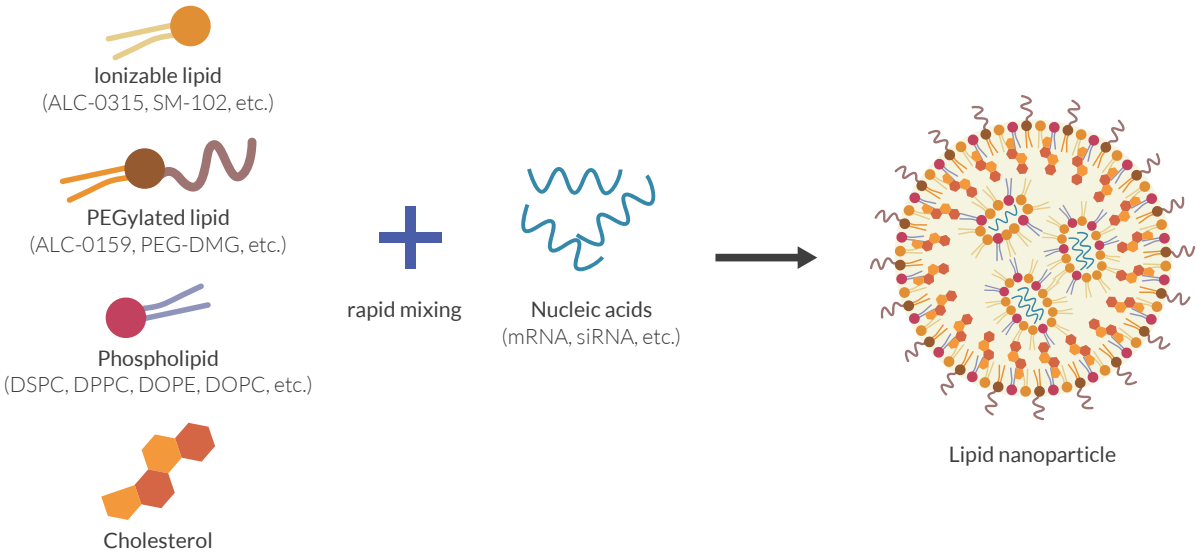
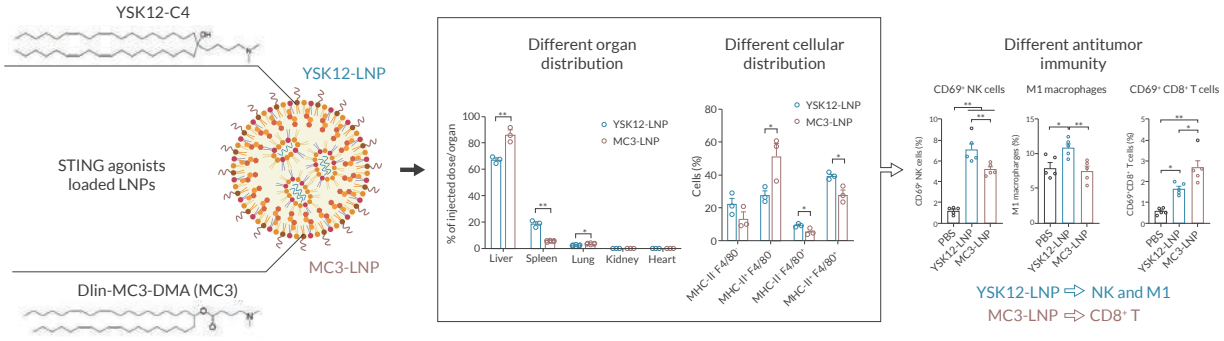
CS-0129754

CAS: 2341796-79-8
Purity: 97%

CS-7737

CAS: 1797406-81-5
Purity: 98%

CS-0114265

CAS: 2378261-85-7
Purity: 97%

LNP





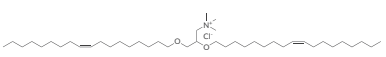
Journal of Controlled Release,372,2024,609-618.

LNP is a stable nanoparticle composed of Cationic lipids, Helper lipids, Cholesterol and PEG-lipids. which are capable of efficiently delivering cytotoxic chemotherapeutic drugs, antibiotics, and nucleic acid therapeutics. Lipid nanoparticles, as an important component of COVID-19 mRNA vaccines, play a key role in effectively protecting and transporting mRNA into cells. Currently, about 150 molecules around the world use LNP technology. Among these molecules, nearly 75% use LNP technology to deliver nucleic acid molecules in RNA therapies, such as antisense oligonucleotides, siRNA, and mRNA.

CATIONIC LIPIDS

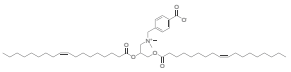
CS-0185844

DOTMA (chloride)
CAS: 104162-48-3
Purity: 95%



CS-0374852

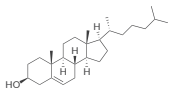
DOBAQ
CAS: 1360461-69-3
Purity: 95%



CHOLESTEROL

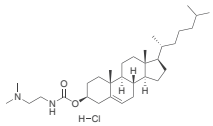
CS-5106

Cholesterol
CAS: 57-88-5
Purity: 98%



CS-0136740

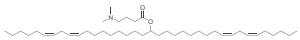
DC-Chol (hydrochloride)
CAS: 166023-21-8
Purity: 98%



IONIZABLE LIPID

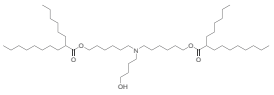
CS-0044321

D-Lin-MC3-DMA
CAS: 1224606-06-7
Purity: 98%



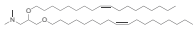
CS-0145622

ALC-0315
CAS: 2036272-55-4
Purity: 98%



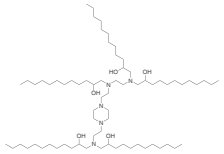
CS-0063325

DODMA
CAS: 104162-47-2
Purity: 97%



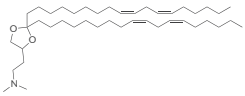
CS-0373190

C12-200
CAS: 1220890-25-4
Purity: 98%



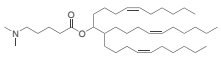
CS-0063335

DLin-KC2-DMA
CAS: 1190197-97-7
Purity: 98%



CS-0380599

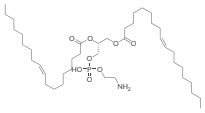
Genevant CL1
CAS: 1450888-71-7
Purity: 98%



HELPER LIPIDS

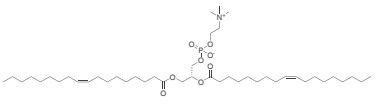
CS-0042337

DOPE
CAS: 4004-05-1
Purity: 98%



CS-0063306

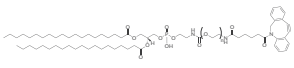
DOPE
CAS: 4235-95-4
Purity: 98%



PHOSPHOLIPIDS

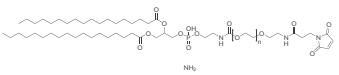
CS-0435763

DSPE-PEG-DBCO (MW 5000)
CAS: N/A
Purity: 95%



CS-0374799

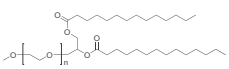
DSPE-PEG-Mal
CAS: 20559-16-4
Purity: 95%



PEG-LIPIDS

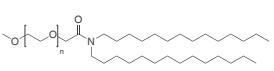
CS-0063351

DMG-PEG 2000
CAS: 160743-62-4
Purity: 97%



CS-0147366

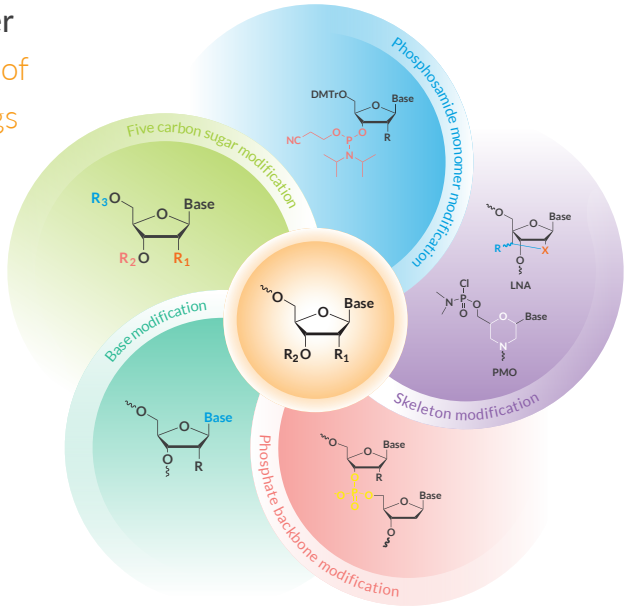
ALC-0159
CAS: 1849616-42-7
Purity: 95%



Nucleosides & Nucleotides

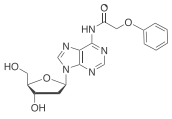
There are currently 12 small nucleic acid drugs on the market for sale. Among them, the most successful commercialization was the Nusinersen injection, which was launched in 2016. It is the world's first drug to treat spinal muscular atrophy (SMA), with a total sales volume of 6.8 billion US dollars within 5 years after its launch. Representative marketed drugs include the long-acting lipid-lowering drug Incisiran, which was launched in 2021. The global market size of small nucleic acid drugs has increased from $10 million in 2016 to $3.25 billion in 2021, with a compound annual growth rate of 217.8%.

Nucleoside Monomer
—The Cornerstone of Oligonucleotide Drugs

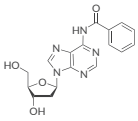


PROTECTIVE NUCLEOSIDES

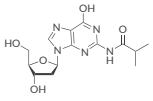
CS-0686480
CAS: 110522-74-2
Purity: 95%



CS-W011841
CAS: 4546-72-9
Purity: 97%

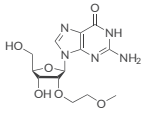


CS-W016727
CAS: 68892-42-2
Purity: 98%

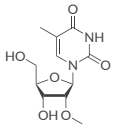


MODIFIED NUCLEOSIDES

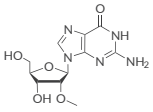
CS-0114223
CAS: 473278-54-5
Purity: 98%



CS-0166797
CAS: 55486-09-4
Purity: 97%

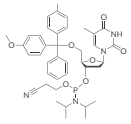


CS-W013976
CAS: 2140-71-8
Purity: 98%

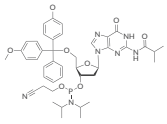


PHOSPHOSAMIDE MONOMERS

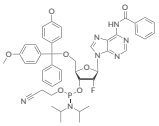
CS-W013784
CAS: 98796-51-1
Purity: 98%



CS-W009564
CAS: 93183-15-4
Purity: 97%



CS-B1581
CAS: 136834-22-5
Purity: 98%



Synthetic Reagents

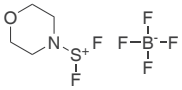
ChemScene provides a complete range of synthetic reagents. At present, it has 15+ categories and 5000+ kinds of synthetic reagents, including metal salts, oxidants, reducing agents, halogenated reagents, aminating reagents, condensation reagents, ionic liquids, protective and derivative reagents, etc., which can meet all the needs of enterprises, universities and research institutes. It is widely used in scientific research, medicine, chemical industry, organic materials, biotechnology and other fields.

Fluorinated Reagent

Advantage

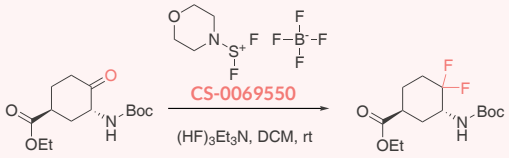
- Solid matter, compared to DAST, is more stable
- The reaction process does not produce hydrofluoric acid and can participate in the reaction in ordinary glass bottles
- Better selectivity while significantly reducing the elimination of by-products

XtalFluor-M

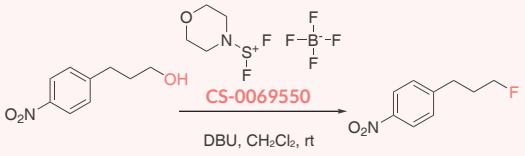


CS-0069550

Application



Richard B. Silverman, J. Am. Chem. Soc. 2020 142 (10), 4892-4903

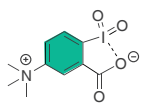


Michael R. European Journal of Medicinal Chemistry (2016), 119, 218-230

Soluble Hypervalent Iodine Oxidant

Advantage

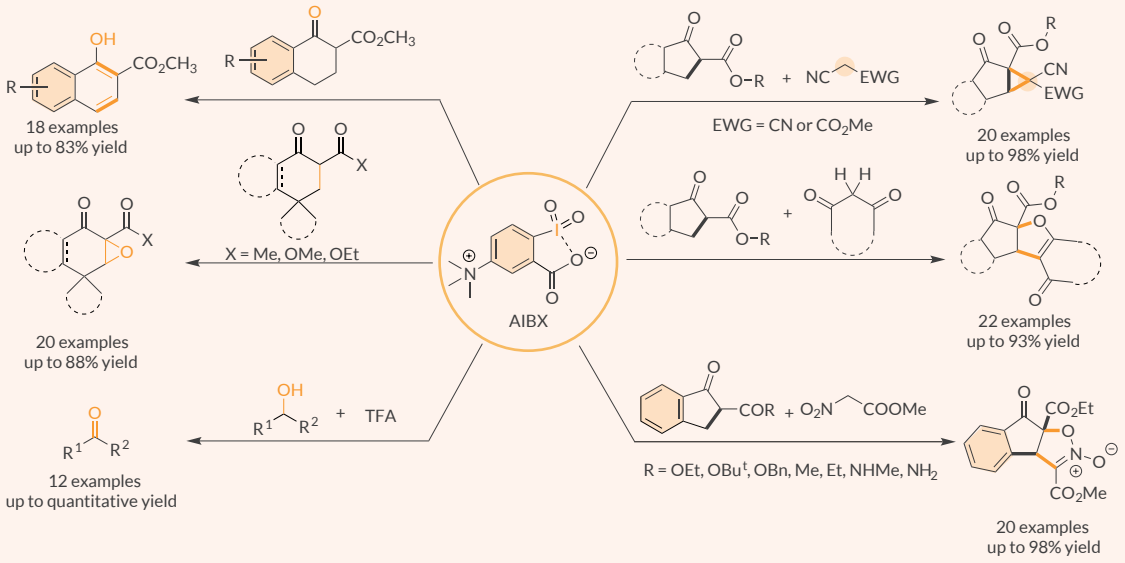
- Compared with IBX, water solubility is better
- The strong electron-pulling property of trimethylamino group can enhance the electrophilicity of Iodine center and improve the reactivity of reagent
- It can complete a variety of novel dehydrogenation, oxidation and ring formation reactions AIBX Mediated dehydrogenation functional group reaction



CS-0620501

Application

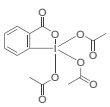
- AIBX mediated dehydrogenation functional group reaction



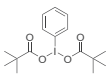
(a) **Li-Qian Cui, et al. Org Lett.** 2011,13,6488-91.
(b) **Ya-Nan Duan, et al. Chemistry.** 2015,21,13052-7.
(c) **Ya-Nan Duan, et al. Org Lett.** 2016,18,6176-6179.
(d) **Shan Jiang, et al. J Org Chem.** 2017,82,11691-11702.
(e) **Hui-Jie Shen, et al. J Org Chem.** 2019,84,14381-14393.
(f) **Hui-Jie Shen, et al. J Org Chem.** 2022,87,3885-3894.

OXIDANTS

CS-0020511
CAS: 87413-09-0
Purity: 98%



CS-0181841
CAS: 57357-20-7
Purity: 98%

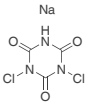


CS-0015412
CAS: 20039-37-6
Purity: 98%

CS-0015119
CAS: 26412-87-3
Purity: 98%

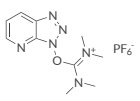
CS-0130342
CAS: 61717-82--6
Purity: 45-47wt%

CS-B1761
CAS: 2893-78-9
Purity: 95%

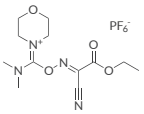


CONDENSATING REAGENTS

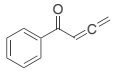
CS-W018342
CAS: 148893-10-1
Purity: 98%



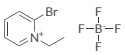
CS-0043565
CAS: 1075198-30-9
Purity: 98%



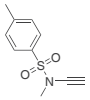
CS-0182908
CAS: 69626-39-7
Purity: 97%



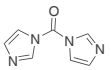
CS-W012340
CAS: 878-23-9
Purity: 98%



CS-0131107
CAS: 1005500-75-3
Purity: 98%

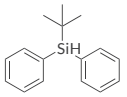


CS-W008844
CAS: 530-62-1
Purity: 95%



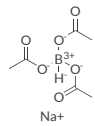
REDUCING REAGENTS

CS-0142080
CAS: 33729-92-9
Purity: 98%



CS-W020093
CAS: 37342-97-5
Purity: 95%

CS-W020188
CAS: 56553-60-7
Purity: 98%

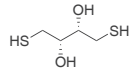


CS-0015311
CAS: 25895-60-7
Purity: 98%

$NaBH_3CN$

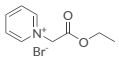
CS-W016554
CAS: 25015-63-8
Purity: 98%

CS-3035
CAS: 3483-12-3
Purity: 98%

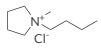


IONIC LIQUIDS

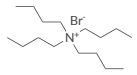
CS-0151874
CAS: 17282-40-5
Purity: 98%



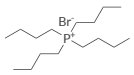
CS-W017354
CAS: 479500-35-1
Purity: 98%



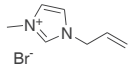
CS-0010099
CAS: 1643-19-2
Purity: 97%



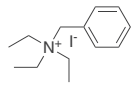
CS-W009414
CAS: 3115-68-2
Purity: 98%



CS-0157995
CAS: 31410-07-8
Purity: 98%

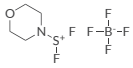


CS-W013947
CAS: 5400-94-2
Purity: 98%

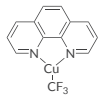


HALOGENATING REAGENTS

CS-0069550
CAS: 63517-33-9
Purity: 98%



CS-0085297
CAS: 1300746-79-5
Purity: 98%

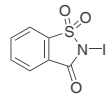


CS-W016001
CAS: 3481-09-2
Purity: 98%

CS-W008781
CAS: 128-08-5
Purity: 98%

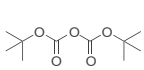
CS-0196757
CAS: 1391728-13-4
Purity: 98%

CS-0205380
CAS: 86340-94-5
Purity: 97%

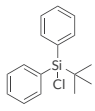


PROTECTION AND DERIVATIZATION REAGENTS

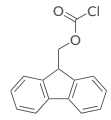
CS-0017817
CAS: 24424-99-5
Purity: 98%



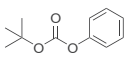
CS-0017207
CAS: 58479-61-1
Purity: 95%



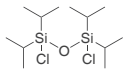
CS-0019387
CAS: 28920-43-6
Purity: 97%



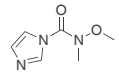
CS-W010657
CAS: 6627-89-0
Purity: 98%



CS-0006202
CAS: 69304-37-6
Purity: 98%

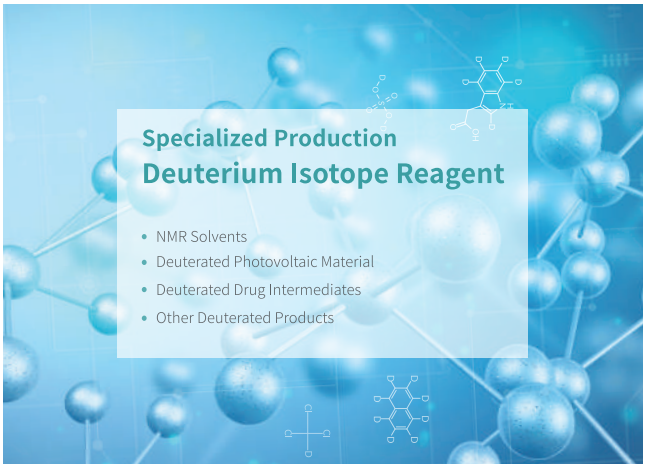


CS-0438973
CAS: 862873-06-1
Purity: 98%



Deuterium Isotope Reagents

ChemScene set up a stable isotope product R&D team to complete the R&D and preparation of deuterated NMR solvents, and has realized the production from 100 kg to tons. The product has high deuterium substitution and low water content, which can fully meet the needs of NMR testing. The R&D team has also developed a series of deuterated pharmaceutical intermediates, deuterated optoelectronic materials and other deuterated products to meet the comprehensive needs of pharmaceutical R&D and optoelectronic materials customers.



Production Units

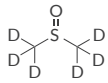
Testing Instruments

NMR SOLVENTS

CS-0114059

CAS: 865-49-6
Purity: 99.8%D, 0.03% (v/v) TMS

CS-0114063



CAS: 2206-27-1
Purity: 99.8%D, 0.03% (v/v) TMS

CS-0114065

CAS: 811-98-3
Purity: 99.8%D, 0.03% (v/v) TMS

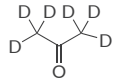
CS-0031765

CAS: 7789-20-0
Purity: 99.8%D

CS-0066363

CAS: 2206-26-0
Purity: 99.8%D, 0.03% (v/v) TMS

CS-0066357



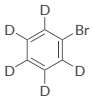
CAS: 666-52-4
Purity: 99.8%D, 0.03% (v/v) TMS

DEUTERATED PHOTOVOLTAIC MATERIALS

CS-E0091A

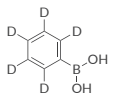
CAS: 1076-43-3
Purity: 99.5%D

CS-0182895



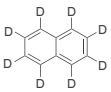
CAS: 4165-57-5
Purity: 99.5%D

CS-0063081



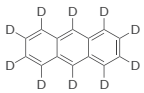
CAS: 215527-70-1
Purity: 99%D

CS-0201372



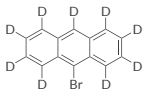
CAS: 1146-65-2
Purity: 98%D

CS-0201368



CAS: 1719-06-8
Purity: 98%D

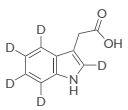
CS-0201369



CAS: 183486-02-4
Purity: 98%D

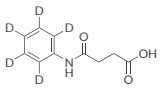
DEUTERATED DRUG INTERMEDIATES

CS-0128587



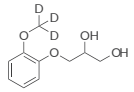
CAS: 76937-78-5
Purity: 98%D

CS-0203624



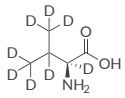
CAS: 840529-98-8
Purity: 98%D

CS-0182860



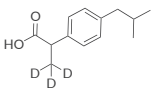
CAS: 1189924-85-3
Purity: 98%D

CS-M3769



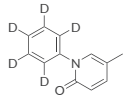
CAS: 35045-72-8
Purity: 98%D

CS-0019817



CAS: 121662-14-4
Purity: 98%D

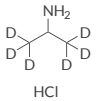
CS-0019837



CAS: 1020719-62-3
Purity: 98%D

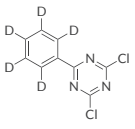
OTHER DEUTERATED PRODUCTS

CS-0378332



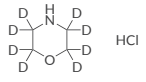
CAS: 126794-59-0
Purity: 98%D

CS-0644884



CAS: 1480589-62-5
Purity: 98%D

CS-0375279



CAS: 1107650-56-5
Purity: 98%D

CS-0167269

CAS: 865-50-9
Purity: 99.9%D

CS-0067977

CAS: 1455-13-6
Purity: 99%D

CS-0107422

CAS: 7436-22-8
Purity: 98%D

SERVICES AND PLATFORMS

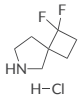
Custom Synthesis Service

- 2,100+ R&D Worldwide
- Building Blocks, Intermediates and APIs
- Synthetic Compounds from mg to kg

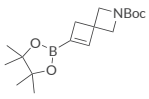
Outstanding Synthesis Capability

BUILDING BLOCKS

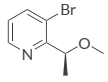
CS-0135464
CAS: 2306268-34-6
Purity: 98%



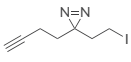
CS-0529263
CAS: 2730903-90-7
Purity: 98%



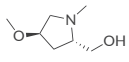
CS-0312114
CAS: 2641451-44-5
Purity: 98%



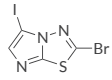
CS-0137485
CAS: 1450754-38-7
Purity: 98%



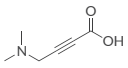
CS-0159252
CAS: 1842337-34-1
Purity: 98%



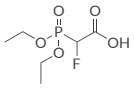
CS-0080521
CAS: 1246372-52-0
Purity: 98%



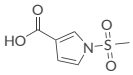
CS-0371338
CAS: 118764-05-9
Purity: 98%



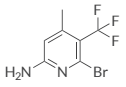
CS-0527385
CAS: 30094-32-7
Purity: 98%



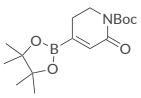
CS-0436349
CAS: 1521806-48-3
Purity: 98%



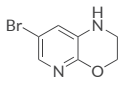
CS-0379573
CAS: 2417920-98-8
Purity: 98%



CS-0375950
CAS: 1345469-26-2
Purity: 98%



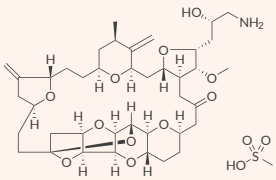
CS-0128559
CAS: 946121-78-4
Purity: 98%



Outstanding Synthesis Capability

APIS

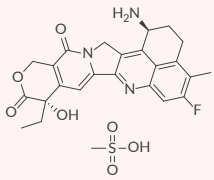
Eribulin Mesylate



CAS: 441045-17-6

- 19 chiral centers, 62 steps synthesis process
- Breakthrough optimization of key steps in the synthetic process
- We can complete 100-gram GMP process verification and stability test of Eribulin Mesylate and advanced intermediates
- Each impurity <0.1%
- We Can provide stable supply delivery of Eribulin advanced intermediates and APIs (GMP or non-GMP) of 100 g

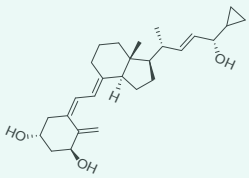
Exatecan Mesylate



CAS: 169869-90-3

- Reliable and available kilogram-level supply kilogram-level GMP supply
- Complete DMF registration
- CMC and regulatory affair service (IND, NDA) based on this product
- Product Specifications: purity≥99%, Total Impurities≤1.0%, KF≤5.0%
- We can provide high-quality Exatecan mesylate and its derived impurities

Calcipotriol



CAS: 112965-21-6

- Vitamin D derivatives generally have multiple chiral centers (>6) and have multi-step synthesis (10-20 steps), the preparation of them involves various special reactions such as chiral synthesis, ozonation and photochemical reaction. Now we have a reserve of 10+ Vitamin D projects, some of them are in the process of registration in different markets.

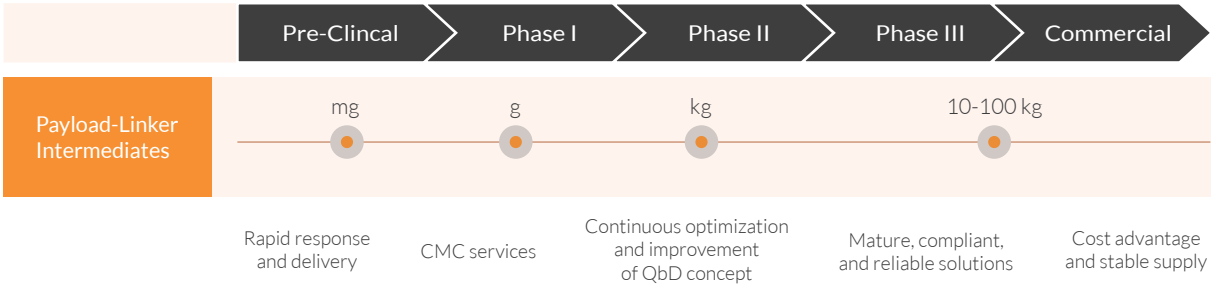
ADC One-Stop Service

Your Reliable Global ADC Drug Partner

ChemScene has extensive experience in small molecule R&D, manufacturing and analytical method development, especially in the field of ADC small molecules. We have 80+ payload (in stock), 400+ linkers (in stock) and 1,000+ experience of linker compound syntheses, which can provide clients with ADC small molecules ranging from milligrams to kilograms. To date, we have empowered our 600+ customers to develop ADC small molecule projects.

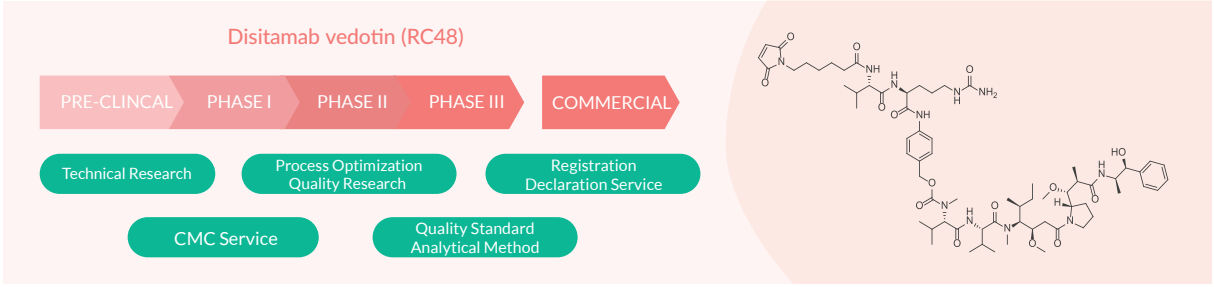
What We Can Offer

ADC Payload-Linker CDMO Integrated Services



Why Choose Us

Case 1 | We provided early technical research in the chemical part as well as later process optimization and quality research services, and undertook the supply of key materials, which ultimately helped ADC's first-in-class anticancer drug Disitamab vedotin to be launched.

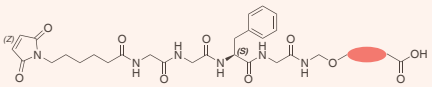


Case 2 | EXATECAN MESYLATE successfully obtained FDA DMF filing, Record No.: MF036708

Our ADC Products Dispaly

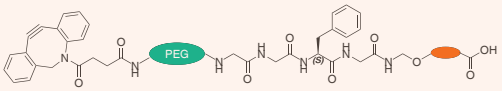
Linker Capability

Linker 1



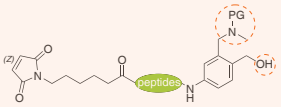
- Scalable Synthesis with ≥ 99% purity
- Unknown Impurity Limit <0.5%
- Kilo Supply
- Crystallization purification

Linker 2



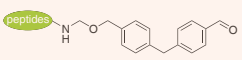
- Scalable Synthesis with ≥ 97% purity
- Unknown Impurity Limit <0.1%
- >500 gram Supply
- Crystallization purification

Linker 3



- Scalable Synthesis with ≥ 99% purity
- Unknown Impurity Limit <0.2%
- >500 gram Supply

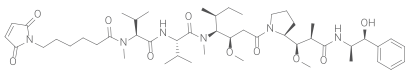
Linker 4



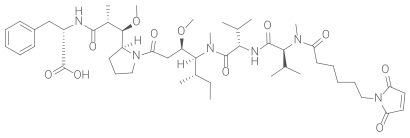
- Scalable Synthesis with ≥ 97% purity
- Unknown Impurity Limit <0.5%
- Kilo Supply
- Crystallization purification

PAYLOAD-LINKERS

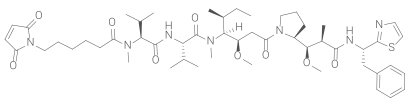
CS-2739



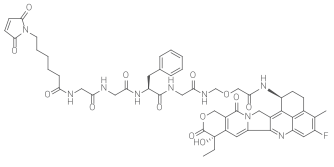
CS-5344



CS-1615



CS-0045125



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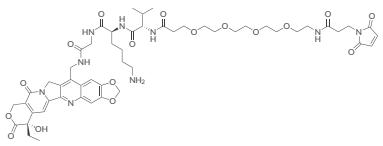

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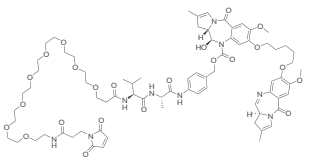


Peptide Custom Service

Custom Peptides to Make Your Research Easier!

With advanced liquid and solid phase peptide synthesis technology, ChemScene is committed to professional peptide customization, peptide drug discovery, peptide drug declaration and large-scale production enterprises, providing high-quality products and services. Our corporate vision is to become a high-level peptide manufacturer in the peptide industry, and provide customers with reliable peptides for scientific research!

Peptide FTE & FFS Service

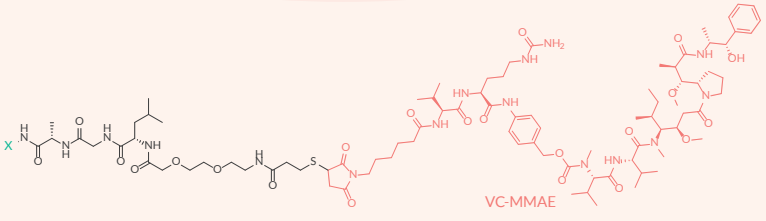
Type	Annotation	
PDC	Peptide linker / payload	Product specifications
Linear Peptide	Peptides synthesized within 50 amino acids	
Simple Modification	C-terminal acylation, esterification, alcohol hydroxylation N-terminal acetylation	Coarse product, salt conversion, desalination;
Complex Modification	• Fluorescent labeled peptides Cy3, Cy5, Cy5.5, Cy7, FAM, FITC, Rhodamine B • Modifications: DOTA, DPTA, NOTA, DOPA • Cyclopeptides (1 pair of disulfur bonds, 2 pairs of disulfide bonds, 3 pairs of disulfide bonds, click rings, amide rings, click and disulfide double rings, stapled peptides, etc.) • Aggregated PEG	Purity: > 70%, > 80%, > 90%, > 95%, > 98%, > 99%;
Special Amino Acids	Peptides formed from amino acid derivatives	Scale: a single variety reaching the hundred gram level

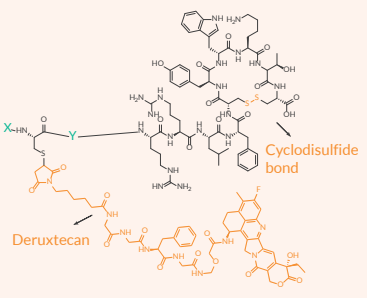
Our Case Presentation

PDC Drug Chemical Part: **Peptide +Linker+Payload**

GIPR/GLP-1R/GCGR agonist peptide Retatrutide

PSMA-ALB-56: **A PSMA-targeting radioactive ligand**





Peptide Service

Peptides as Intermediates	Development and production of peptide fragments in XDC and other drugs
Peptide Drug Development	Development of API for peptide new drug API Impurity research
Declaration Profile	Compilation of application materials for peptide IND and NDA

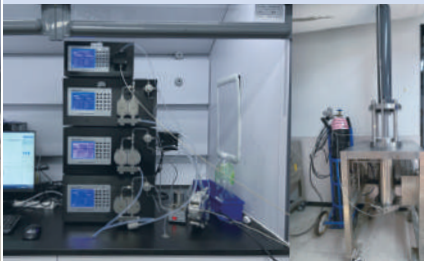
Peptide Integrated Service Platform

	Preclinical Study	Clinical Phase I	Clinical Phase II	Clinical Phase III	Commercialization
Peptide Intermediates/ New Peptide Drugs	Screening, process development optimization, process validation, commercial production				
Analytical Ability	Development of analytical methods, validation of analytical methods, transfer of analytical methods, quality control, stability research				
CMC Service	Provide full process CMC services and provide relevant IND and NDA declaration profile				

Peptide Synthesis and Analysis Equipment

20 L Semi-automatic Peptide Synthesizer

Biotage Syro II



DAC Preparation and Separation

Oligonucleotide Drug Process Service

Your Reliable Global Oligonucleotide Drug Partner

ChemScene is a domestic supplier of customized oligonucleotide products and services, and can currently meet the needs of customers from small to medium scale trials. The R&D team of Oligo has professional and rich chemical modification technology and capability, which can realize more than 100 modifications with different functions and purposes, providing more functional options for cellular experiments, animal experiments and clinical trials, and meeting different needs of customers in research, diagnosis and therapeutic experiments.

Why Partner with ChemScene

Capability	Nucleosides / Amidites from mg to ton
Integrated Service	Complete production from monomer to API
Expert Scientists	Teams with 10+ years of oligonucleotide R&D experience

Oligonucleotide Integration Service Platform

	Pre-Clincal	Phase I	Phase II	Phase III	Commercial
Small Nucleic Acid Monomers Oligonucleic Acid APIs	Oligonucleic acid synthesis, process development and production				
Analytical Chemistry	Analytical method development, quality control and stability studies				
CMC Service	Full process CMC service support				

The Types of Oligonucleotide Synthesis We Offer

RNA Synthesis

- Small interfering RNA (siRNA)
- CRISPR sgRNA
- MicroRNA (miRNA)
- Small activating RNA (saRNA)

Oligonucleotide Conjugation

- GalNAc conjugated oligonucleotides
- Peptide conjugated oligonucleotides
- Antibody conjugated oligonucleotides

DNA Synthesis

- Antisense Oligonucleotides (ASO)
- Gapmer
- Aptamer
- Vaccine adjuvant

Our Success Cases

Case 1 Product: ASO

Number of bases: 18
Modification: Full chain methoxyethyl and thio modification
Delivery quantity: 10 g
Delivery time: 14 days
Overall yield: 48%

Case 2 Product: siRNA

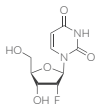
Number of bases: ortho: 21; antisense: 23
Modifications: Partial methoxylation, fluorination, thio-modification
Delivery quantity: 1 g
Delivery time: 14 days
Overall yield: 42%

Our Nucleoside Monomer Dispaly (from mg to ton)

NUCLEOSIDES

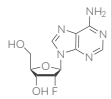
2'-Fluoro-2'-deoxyuridine

CAS: 784-71-4
Purity: ≥99.9%



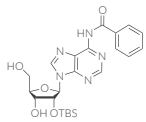
2'-Fluoro-2'-deoxyadenosine

CAS: 64183-27-3
Purity: ≥99.5%



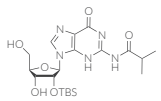
N6-ben Zoyl-2'-O-[(1,1-dimethylethyl) dimethylsilyl]-Adenosine

CAS: 69504-07-0
Purity: ≥99%



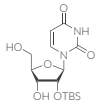
2'-O-[(1,1-dimethylethyl) dimethylsilyl]-N-(2-methyl-1-oxopropyl)-Guanosine

CAS: 182007-86-9
Purity: ≥98%



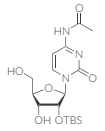
2'-O-[(1,1-dimethylethyl) dimethylsilyl]-Uridine

CAS: 54925-71-2
Purity: ≥98%



N-acetyl-2'-O-[(1,1-dimethylethyl) dimethylsilyl]-Cytidine

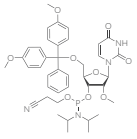
CAS: 401812-97-3
Purity: ≥98.5%



AMIDITES

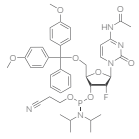
DMT-2'-O-Me-U-CE Phosphoramidite

CAS: 110764-79-9
Purity: 98%



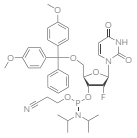
DMT-2'-F-dC(Ac)-CE Phosphoramidite

CAS: 159414-99-0
Purity: 98%



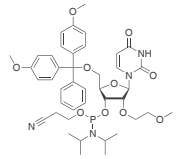
DMT-2'-F-dU-CE Phosphoramidite

CAS: 146954-75-8
Purity: 98%



DMT-2'-O-MOE-rU Phosphoramidite

CAS: 163759-97-5
Purity: 98%



ChemScene

Chemical Reagents For Life Science

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