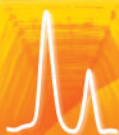


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Biocatalysis



Preparative
Chromatography
Service



High-Throughput
Experimentation



Solid State Chemistry
Research



Flow Chemistry



Photochemistry

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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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
- Spiro 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

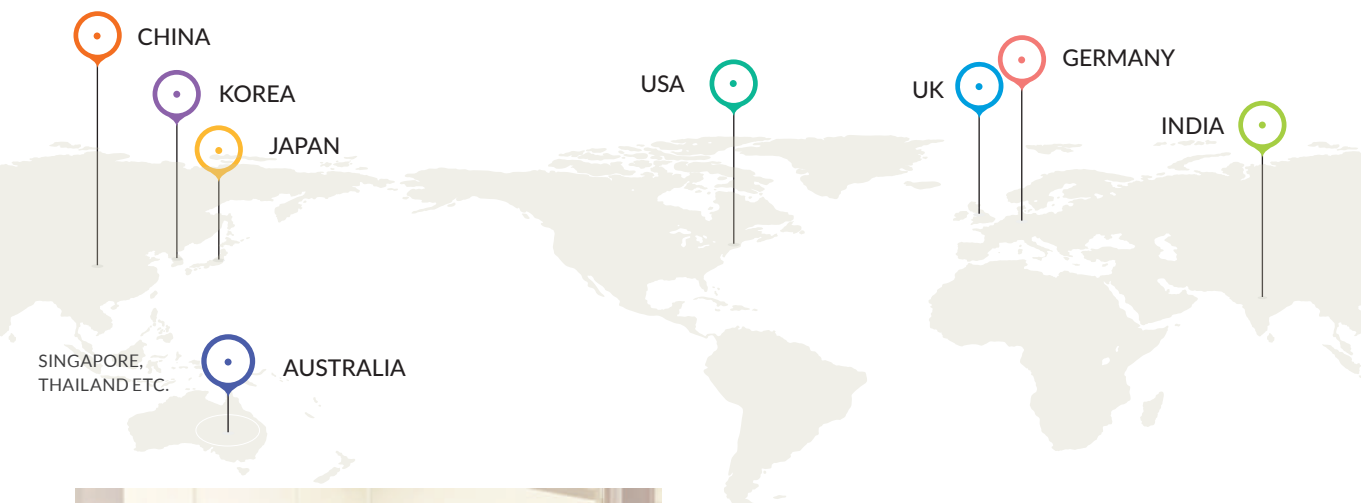


Process Optimization



Commercial Production

Our Global Footprint



R&D Platform

- a. > 724411 ft² 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, elemental analysis, etc.



Warehouse and Logistics Network

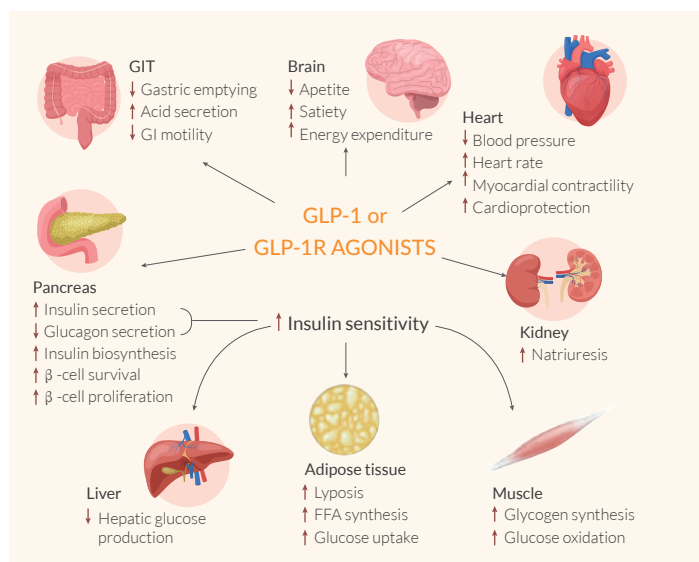
A global network that includes many commercial and warehouse logistics centers, provide global coverage, including the US, Germany, UK, Korea, Japan, India and more.



FEATURED PRODUCTS

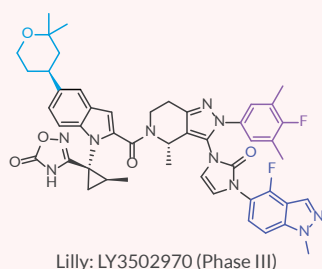
Novel Building Blocks for Small Molecule GLP-1R Agonists

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.



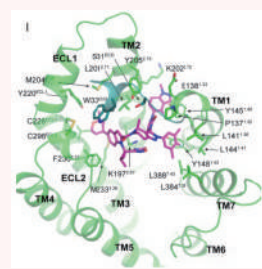
Pleiotropic effects of GLP-1 or GLP-1R agonists. Cardiovascular Diabetology, 2014, 13, 142

Small Molecule GLP-1R 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%

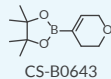


LY3502970 interacts with residues from both the ECD and 7TM of GLP-1R

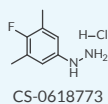
Novel Building Blocks



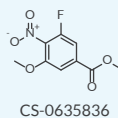
CS-D0378



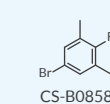
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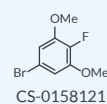
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CS-0635836



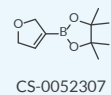
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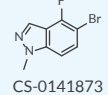
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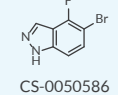
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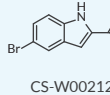
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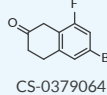
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CS-0050586



CS-W002128

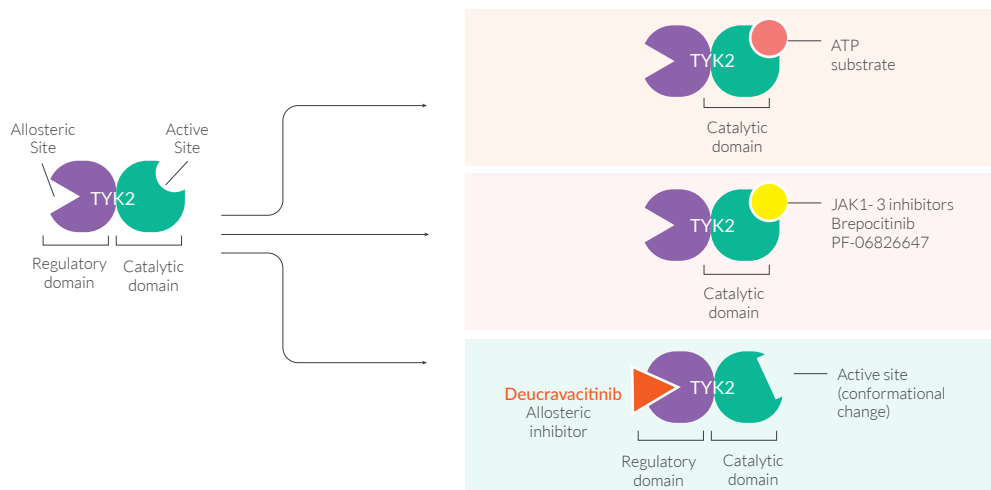


CS-0379064

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.

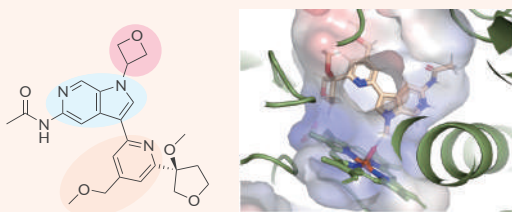
According to the latest research progress on TYK2 inhibitors, Chemscene has developed many novel building blocks.



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

TYK2 Inhibitors in the Clinic

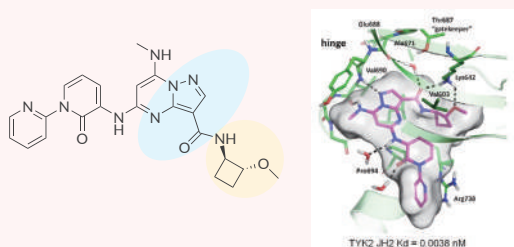
ABBV-712 (Phase I)



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

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

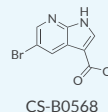
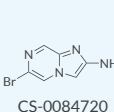
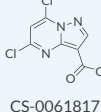
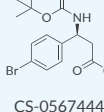
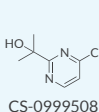
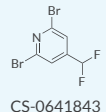
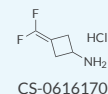
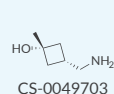
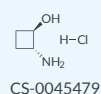
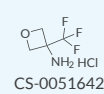
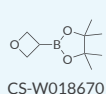
TAK-279 (Phase III)



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

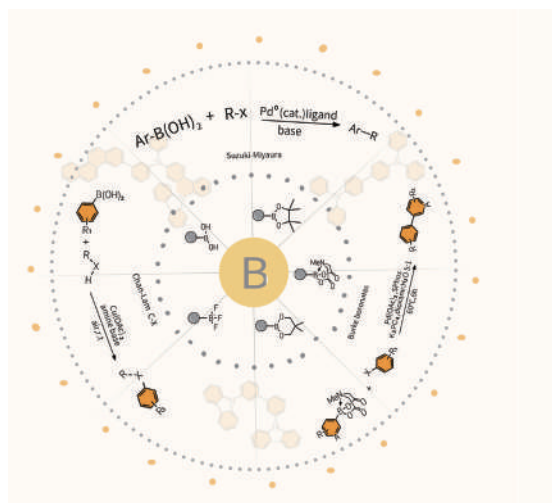
J. Med. Chem. 2023, 66, 10473-10496

Novel Building Blocks for TYK2 Inhibitors



I 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

CS-0046252

CAS: 14559-88-7
Purity: 98%



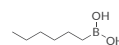
CS-W000955

CAS: 63076-51-7
Purity: 98%



CS-W000880

CAS: 16343-08-1
Purity: 98%



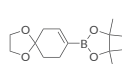
CS-W005532

CAS: 1131912-76-9
Purity: 98%



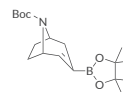
CS-W009082

CAS: 680596-79-6
Purity: 98%



CS-W008880

CAS: 900503-08-4
Purity: 98%



PHENYL BORONIC ACID AND THEIR ESTERS

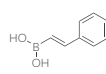
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CAS: 871329-82-7
Purity: 98%



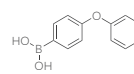
CS-0033829

CAS: 6783-05-7
Purity: 98%



CS-M1047

CAS: 51067-38-0
Purity: 98%



CS-0084679

CAS: 765916-91-4
Purity: 98%



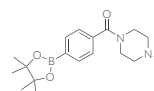
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CAS: 5123-13-7
Purity: 98%



CS-0112233

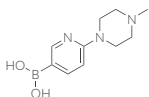
CAS: 832114-06-4
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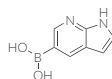
AROMATIC HETEROCYCLIC BORONIC ACIDS AND THEIR ESTERS

CS-W019096

CAS: 936353-84-3
Purity: 98%

**CS-W020695**

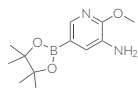
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Purity: 98%

**CS-0028796**

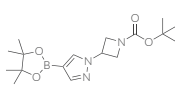
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**CS-B1261**

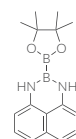
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**CS-0048341**

CAS: 877399-35-4
Purity: 98%

**CS-0153880**

CAS: 1214264-88-6
Purity: 98%



Burke boronic acids

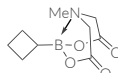
BURKE BORONIC ACIDS

CS-0119912

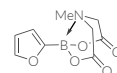
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Purity: 97%

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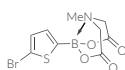
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**CS-0864751**

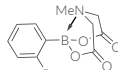
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Purity: 98%

**CS-0178997**

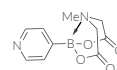
CAS: 943552-31-6
Purity: 95%

**CS-0178984**

CAS: 943552-28-1
Purity: 98%

**CS-0207540**

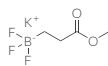
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Purity: 98%



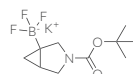
POTASSIUM TRIFLUOROBORATE

CS-W004011

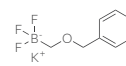
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**CS-0091531**

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**CS-0156215**

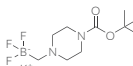
CAS: 1027642-25-6
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CAS: 2135480-21-4
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**CS-WAA0264**

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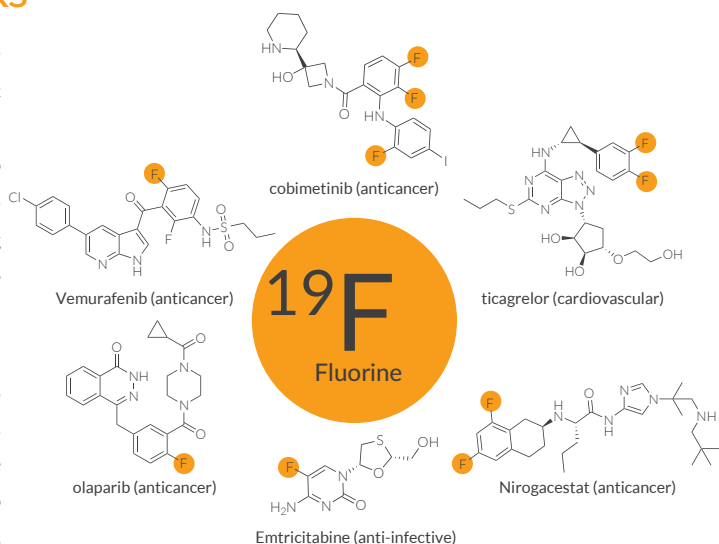
**CS-W016971**

CAS: 561328-69-6
Purity: 95%



I 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

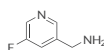
CS-0097448

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%



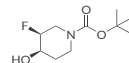
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CAS: 1254115-16-6
Purity: 98%



CS-0047556

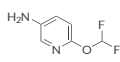
CAS: 1174020-40-6
Purity: 98%



DIFLUOROMETHYL SERIES

CS-W022431

CAS: 317810-73-4
Purity: 98%



CS-0060190

CAS: 627526-90-3
Purity: 98%



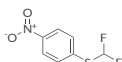
CS-0029849

CAS: 53104-96-4
Purity: 98%



CS-0046961

CAS: 24933-57-1
Purity: 95%



CS-0101632

CAS: 1261629-31-5
Purity: 98%



CS-0132174

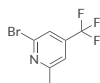
CAS: 1885-46-7
Purity: 98%



TRIFLUOROMETHYL SERIES

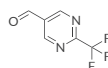
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Purity: 98%



CS-W019660

CAS: 304693-66-1
Purity: 98%



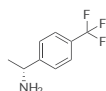
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CAS: 936841-71-3
Purity: 98%



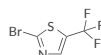
CS-B0689

CAS: 578027-35-7
Purity: 98%



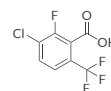
CS-0041805

CAS: 1209458-80-9
Purity: 98%



CS-0038448

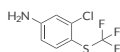
CAS: 186517-41-9
Purity: 98%



TRIFLUOROMETHYLTHIO SERIES

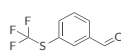
CS-0063855

CAS: 64628-74-6
Purity: 98%



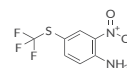
CS-W005923

CAS: 51748-27-7
Purity: 95%



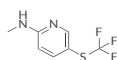
CS-0157035

CAS: 404-74-0
Purity: 98%



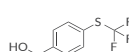
CS-0777749

CAS: 1383948-71-7
Purity: 98%



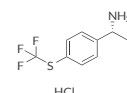
CS-W015229

CAS: 56456-52-1
Purity: 98%



CS-0101656

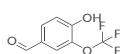
CAS: 1800240-39-4
Purity: 98%



TRIFLUOROMETHOXY SERIES

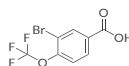
CS-W015350

CAS: 53104-95-3
Purity: 98%



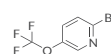
CS-0084296

CAS: 85373-96-2
Purity: 98%



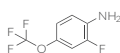
CS-W006327

CAS: 888327-36-4
Purity: 98%



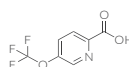
CS-W010630

CAS: 123572-58-7
Purity: 98%



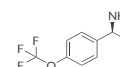
CS-0080450

CAS: 102771-66-4
Purity: 98%



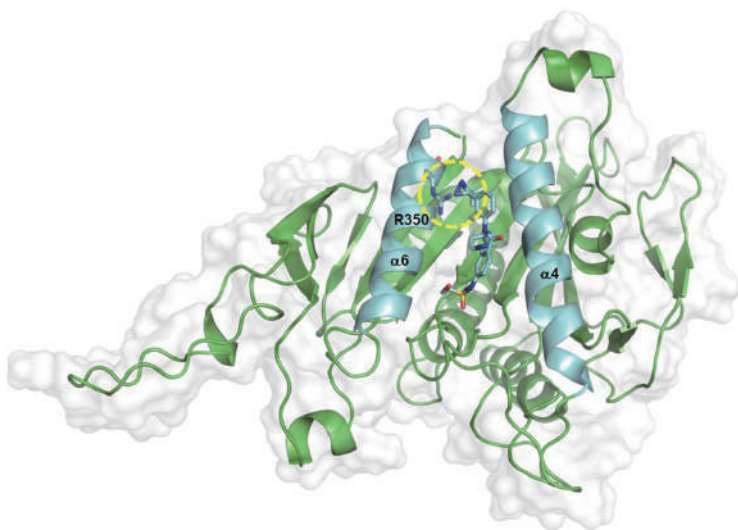
CS-B0180

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-O101214	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

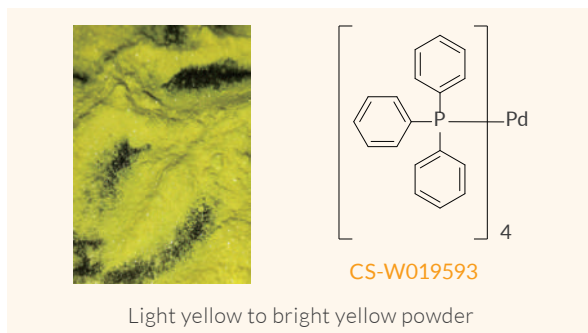
Cat.No.	CAS.No.	Product Name	Purity
CS-W008061	2748-02-9	H-Leu-OtBu.HCl	97%
CS-W007722	13404-22-3	H-Ala-OtBu.HCl	98%
CS-0041630	1001-19-0	H-D-Glu(OEt)-OEt.HCl	98%
CS-W012495	26340-89-6	H-Arg-OMe.2HCl	98%
CS-W010347	26348-70-9	H-Lys-OMe.2HCl	97%
CS-W017143	7517-19-3	H-Leu-OMe.HCl	98%
CS-W014338	5619-04-5	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%

I 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.



Cross coupling reaction



Photocatalytic reaction



Asymmetric hydrogenation



Olefin metathesis reaction



C-H bond activation



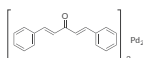
Oxidation reaction

Top 50 Trending Products Selling Right Now

PALLADIUM

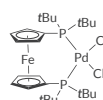
CS-W020210

CAS: 51364-51-3
Purity: 98%



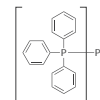
CS-B1360

CAS: 95408-45-0
Purity: 98%



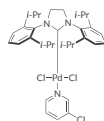
CS-W019593

CAS: 14221-01-3
Purity: 98%



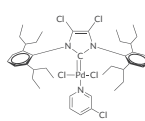
CS-W013788

CAS: 927706-57-8
Purity: 98%



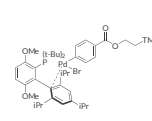
CS-0618602

CAS: 1435347-24-2
Purity: 98%



CS-0618612

CAS: 2097600-19-4
Purity: 98%



PLATINUM

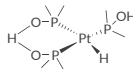
CS-W007817

CAS: 1314-15-4
Purity: 98%

PtO₂

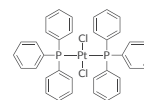
CS-0086263

Purity: 98%



CS-0085661

CAS: 15604-36-1
Purity: 98%



CS-0040180

CAS: 10025-65-7
Purity: 98%

PtCl₂

CS-0086015

CAS: 12266-72-7
Purity: 98%



CS-0042445

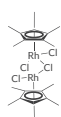
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Purity: 98%

K₂PtCl₄

RHODIUM

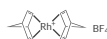
CS-0031511

CAS: 12354-85-7
Purity: 98%



CS-0035169

CAS: 36620-11-8
Purity: 98%



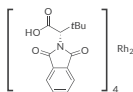
CS-W001951

CAS: 15956-28-2
Purity: 98%



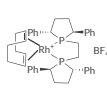
CS-0077068

CAS: 154090-43-4
Purity: 98%



CS-0082353

CAS: 849950-53-4
Purity: 98%



CS-0035226

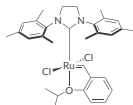
CAS: 14694-95-2
Purity: 98%



RUTHENIUM

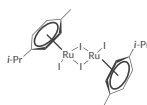
CS-W007938

CAS: 301224-40-8
Purity: 98%



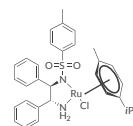
CS-M3206

CAS: 90614-07-6
Purity: 98%



CS-W001069

CAS: 192139-92-7
Purity: 98%



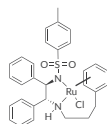
CS-0082096

CAS: 92361-49-4
Purity: 98%



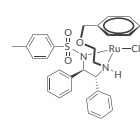
CS-M3303

CAS: 1192620-83-9
Purity: 98%



CS-0035150

CAS: 1333981-84-2
Purity: 98%



IRIDIUM

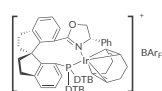
CS-W007800

CAS: 12148-71-9
Purity: 98%



CS-0134664

CAS: 1192772-66-9
Purity: 98%



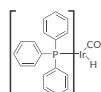
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CAS: 12354-84-6
Purity: 98%



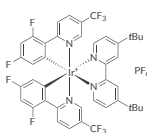
CS-0082591

CAS: 17250-25-8
Purity: 98%



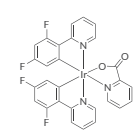
CS-1049085

CAS: 870987-63-6
Purity: 98%



CS-W020842

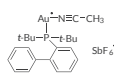
CAS: 376367-93-0
Purity: 98%



GOLD

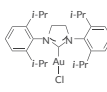
CS-W011394

CAS: 866641-66-9
Purity: 98%



CS-0111117

CAS: 852445-84-2
Purity: 98%



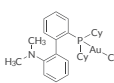
CS-0085567

CAS: 16903-35-8
Purity: 98%



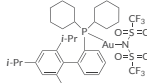
CS-0111123

CAS: 1196707-11-5
Purity: 98%



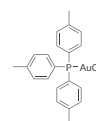
CS-W021015

CAS: 934506-10-2
Purity: 98%



CS-0086404

CAS: 28978-10-1
Purity: 98%



I Chiral Phosphine Ligands

Application of Chiral Phosphine Ligands

ASYMMETRIC CATALYSIS

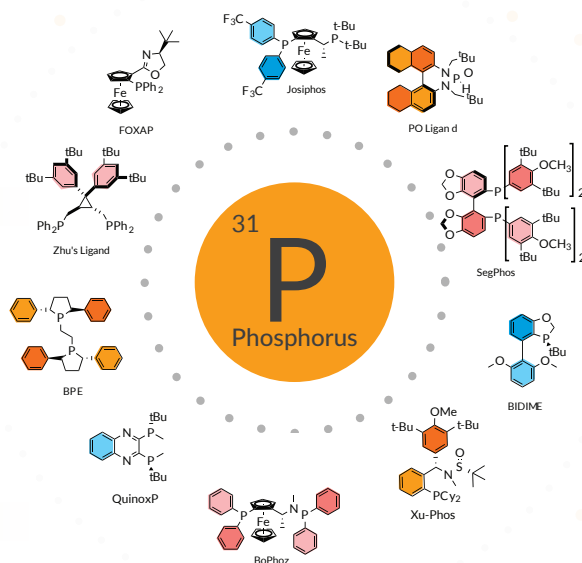
- Hydrogenation:** Rhodium and ruthenium complexes with chiral phosphine ligands are often employed in these transformations.
- C-C Bond Formation:** such as the Heck reaction, Suzuki coupling, and other cross-coupling reactions.
- Oxidation:** the selective formation of chiral alcohols and epoxides.

PHARMACEUTICAL SYNTHESIS

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

CHIRAL RESOLUTION

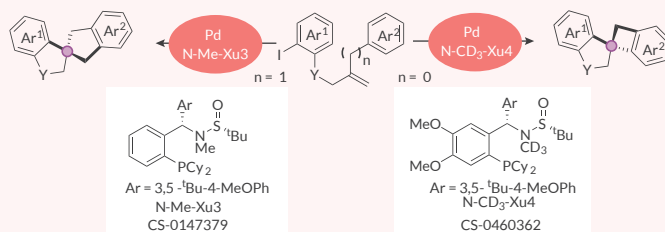
Chiral phosphine ligands can be used in processes that separate racemic mixtures into individual enantiomers.



Examples of Chiral Phosphine Ligands

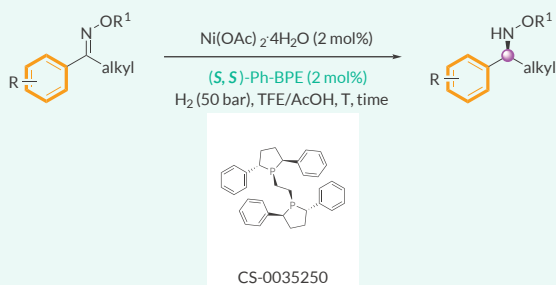
Palladium/Xu-Phos-catalyzed enantioselective cascade Heck/remote C(sp²)-CH alkylation reaction
BingXu, Danting Ji, Lizuo Wu, LujiaZhou, YuLiu, Zhan-Ming Zhang, Junliang Zhang

Chem., 2022, 8, 836- 849



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

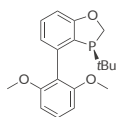
Nat. chem., 2022, 14, 920-927



BIDIME

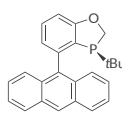
CS-W023101

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



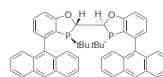
CS-0020504

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



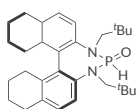
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CAS: 1435940-19-4
Purity: 97% 98%ee



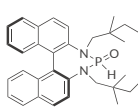
YE'S LIGAND

CS-0612114



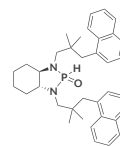
Purity: 98% 98%ee

CS-0612115



Purity: 97% 98%ee

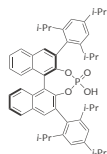
CS-0226544



Purity: 98% 98%ee

CHIRAL PHOSPHONIC ACID

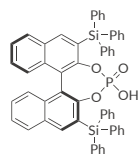
CS-0030546



CAS: 791616-63-2

Purity: 97% 98%ee

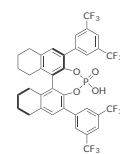
CS-B0723



CAS: 929097-92-7

Purity: 97% 98%ee

CS-0092713

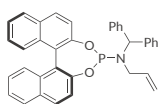


CAS: 1011465-24-9

Purity: 97% 98%ee

CHIRAL PHOSPHOROUS AMIDE

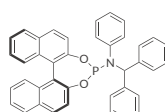
CS-0131808



CAS: 2375836-77-2

Purity: 97% 98%ee

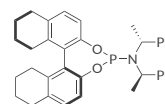
CS-0096704



CAS: 1435947-11-7

Purity: 97% 98%ee

CS-0087692

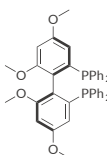


CAS: 479413-76-8

Purity: 97% 98%ee

GARPHOS & P-PHOS

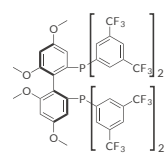
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CAS: 1365531-75-4

Purity: 97% 98%ee

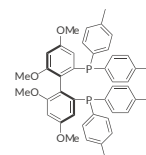
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CAS: 1365531-85-6

Purity: 97% 98%ee

CS-0087309

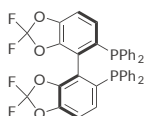


CAS: 1365531-82-3

Purity: 97% 98%ee

SEGPHOS

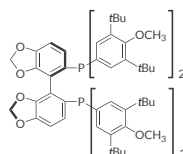
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CAS: 503538-69-0

Purity: 97% 98%ee

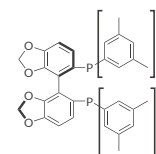
CS-0035272



CAS: 566940-03-2

Purity: 98% 98%ee

CS-0086014

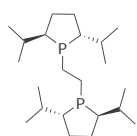


CAS: 850253-53-1

Purity: 97% 98%ee

DUPHOS & BPE

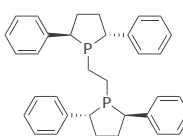
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CAS: 136705-63-0

Purity: 97% 98%ee

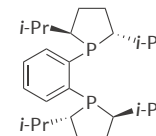
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CAS: 528565-79-9

Purity: 97% 98%ee

CS-0106020

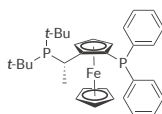


CAS: 136705-65-2

Purity: 97% 98%ee

JOSIPHOS

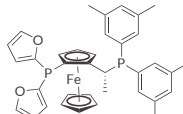
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CAS: 277306-29-3

Purity: 97% 98%ee

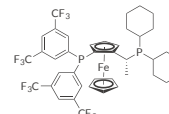
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CAS: 649559-65-9

Purity: 97% 98%ee

CS-0031530

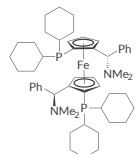


CAS: 292638-88-1

Purity: 97% 98%ee

MANDYPHOS

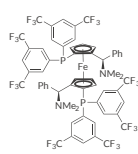
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CAS: 849924-78-3

Purity: 97% 98%ee

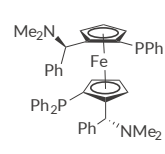
CS-0085933



CAS: 494227-36-0

Purity: 97% 98%ee

CS-0108053

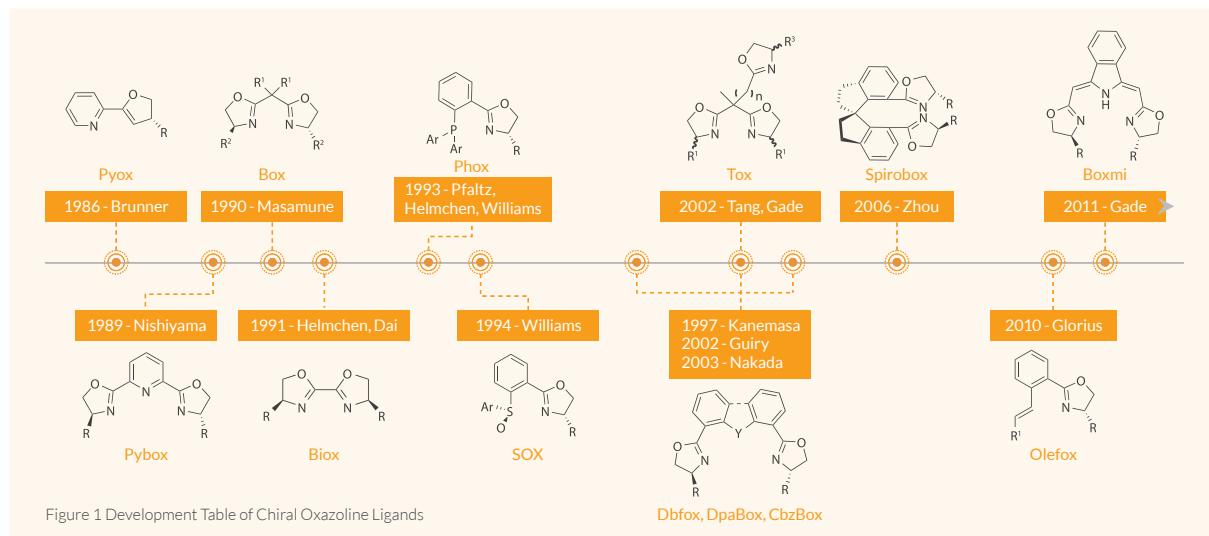


CAS: 174467-31-3

Purity: 97% 98%ee

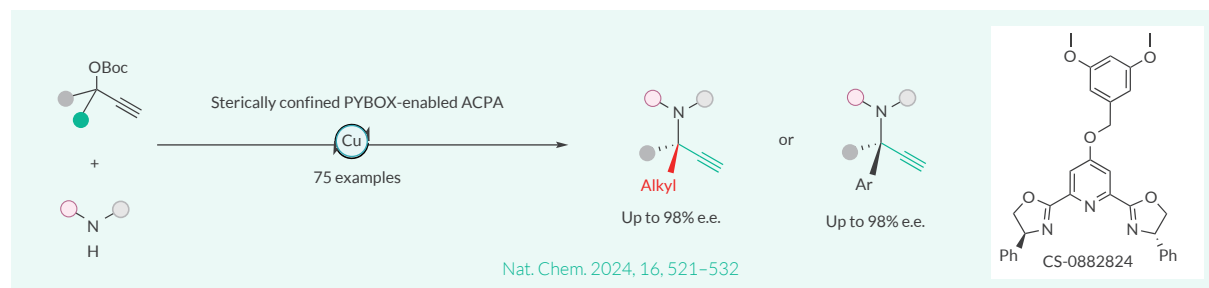
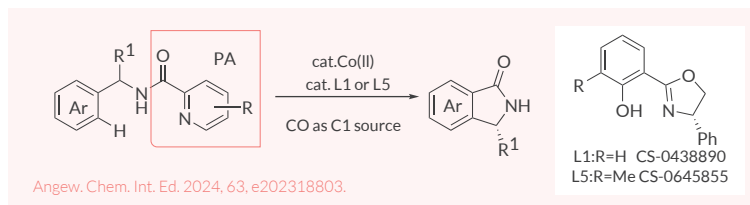
I Chiral Oxazoline Ligands

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).



Application of Chiral Oxazoline Ligands

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

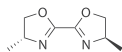


Top 50 Trending Products Selling Right Now

BIOX

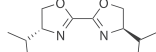
CS-0113767

CAS: N/A
Purity: 97%



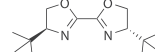
CS-0097372

CAS: 148925-97-7
Purity: 97%



CS-0097373

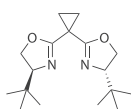
CAS: 135565-31-0
Purity: 97%



CYCLO-BRIDGE BOX

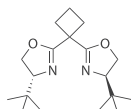
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Purity: 97%



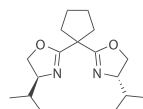
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CAS: N/A
Purity: 97%



CS-0086890

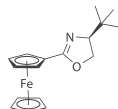
CAS: 1379452-52-4
Purity: 97%



FERROX & PHOSFERROX

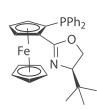
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CAS: 162157-02-0
Purity: 97%



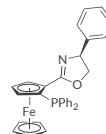
CS-0087739

CAS: 1226898-27-6
Purity: 97%



CS-0097550

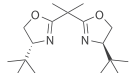
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Purity: 97%



MEBBOX

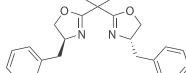
CS-W012167

CAS: 131833-97-1
Purity: 97%



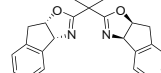
CS-0087136

CAS: 176706-98-2
Purity: 97%



CS-0087138

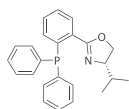
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Purity: 97%



PHOX

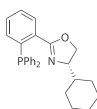
CS-W011786

CAS: 148461-14-7
Purity: 98%



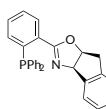
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CAS: 2634687-58-2
Purity: 98%



CS-0145054

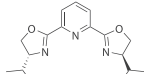
CAS: 212312-33-9
Purity: 97%



PYBOX

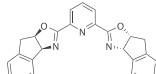
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CAS: 131864-67-0
Purity: 97%



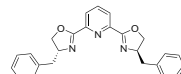
CS-W008391

CAS: 185346-09-2
Purity: 97%



CS-0086526

CAS: 365215-38-9
Purity: 97%



PYOX

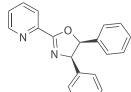
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CAS: 242482-28-6
Purity: 97%



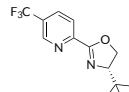
CS-0145107

CAS: 1108603-34-4
Purity: 97%



CS-0086738

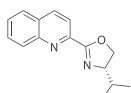
CAS: 1416819-91-4
Purity: 97%



QUINOX & IQUINOX

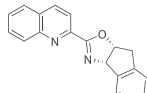
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CAS: 226387-11-7
Purity: 97%



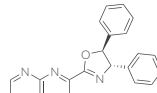
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CAS: 2055935-90-3
Purity: 97%



CS-0611015

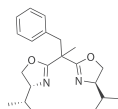
CAS: 2757082-53-2
Purity: 97%



SABOX & TOX

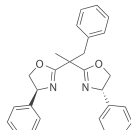
CS-0168747

CAS: 2452222-13-6
Purity: 97%



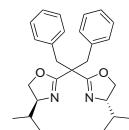
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CAS: 1404433-37-9
Purity: 97%



CS-0087542

CAS: 44575-98-8
Purity: 97%

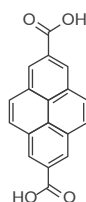
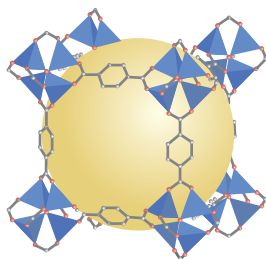


I MOFs & COFs Materials

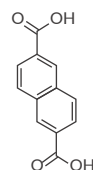
Metal-Organic Framework (MOF) Materials

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.

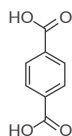
MOFs have a wide range of applications because the metal ions of MOFs provide shaped pores and the organic ligands can flexibly change their properties. As a new star in new materials, the development of MOFs materials has only been experienced for more than twenty years, but has achieved remarkable 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.



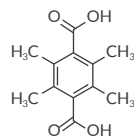
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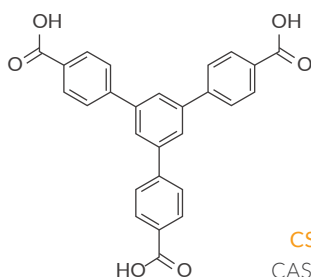
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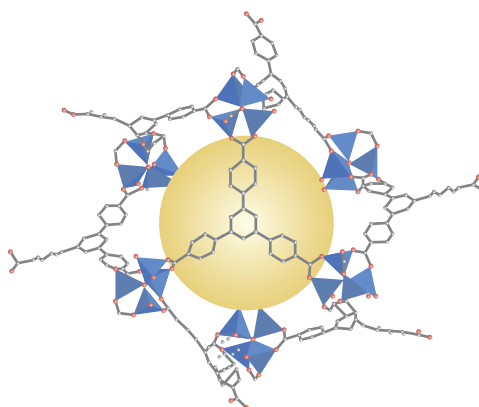
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CS-0170467
CAS: 14458-05-0



CS-W004612
CAS: 50446-44-1



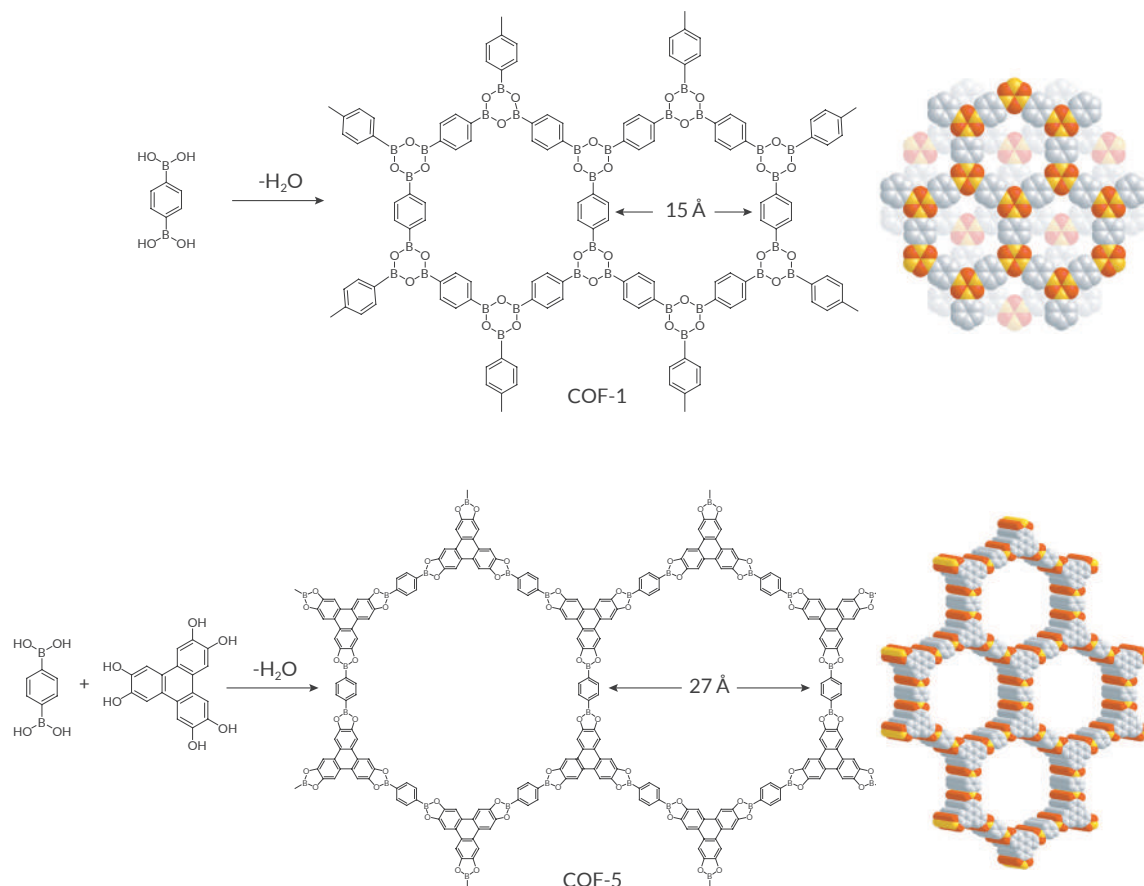
Various MOFs can be designed based on the number of metal ligands and organic ligand structure and additional functional groups can be introduced into the organic ligands to give MOFs unique functions. ChemScene can provide more than 1,000 kinds of organic ligands (carboxylic acid MOF ligands, nitrogenous 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-NH ₂	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

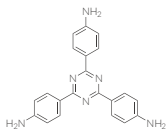
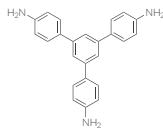
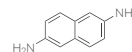
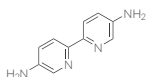
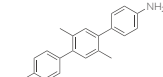
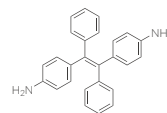
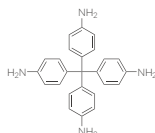
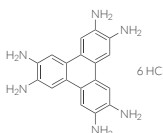
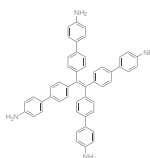
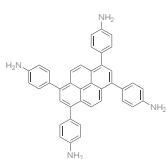
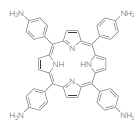
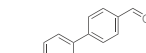
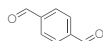
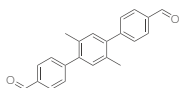
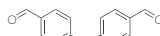
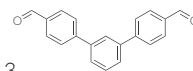
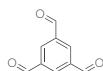
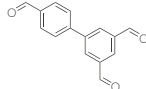
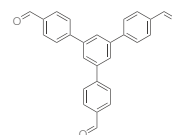
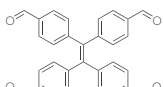
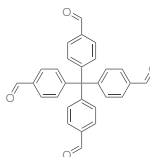
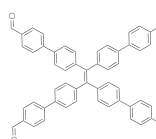
Covalent organic frameworks (COFs) are two-dimensional or three-dimensional crystalline porous polymer materials formed by organic structural units connected by covalent bonds. In 2005, Yaghi et al. synthesized it for the first time by a hydrothermal method, organic porous framework compounds COF-1 and 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.

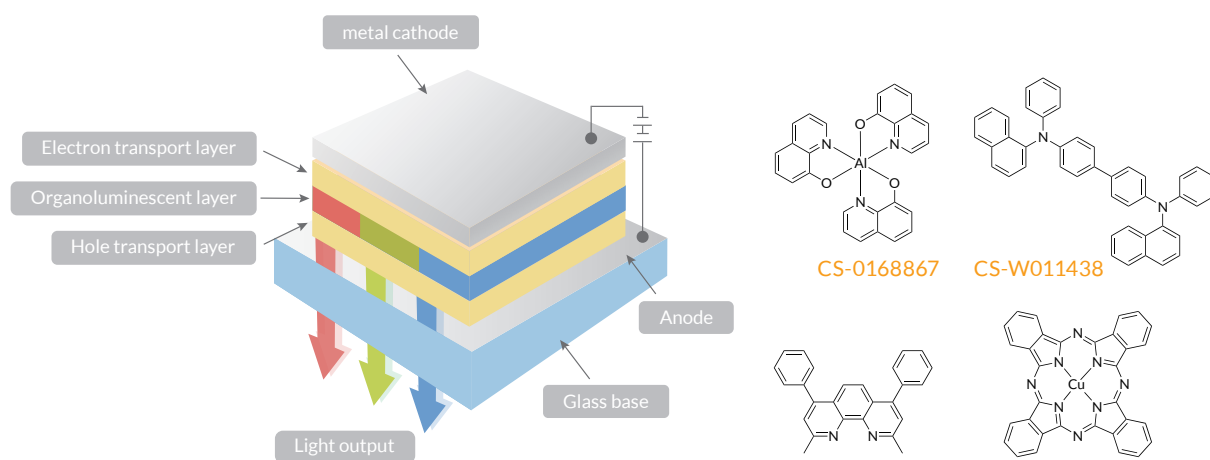
COFs Materials and Its Monomers

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Purity: 98%

Organic Photoelectric Materials

1 Organic Light Emitting Diode (OLED)

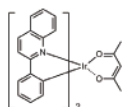
Organic Light Emitting Diodes (OLED) devices are self-illuminating, thin in thickness, low power consumption, wide viewing angle, high display brightness, and vivid colors. They have received much attention and are gradually entering the mainstream display market. After the first discovery of OLED devices 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

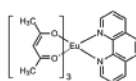
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Purity: 98%



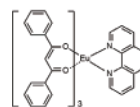
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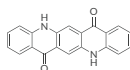
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Purity: 98%



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CAS: 1047-16-1
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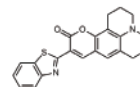
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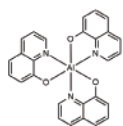
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Purity: 98%



CS-0000015

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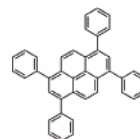
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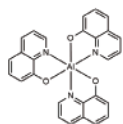
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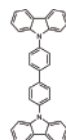
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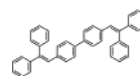
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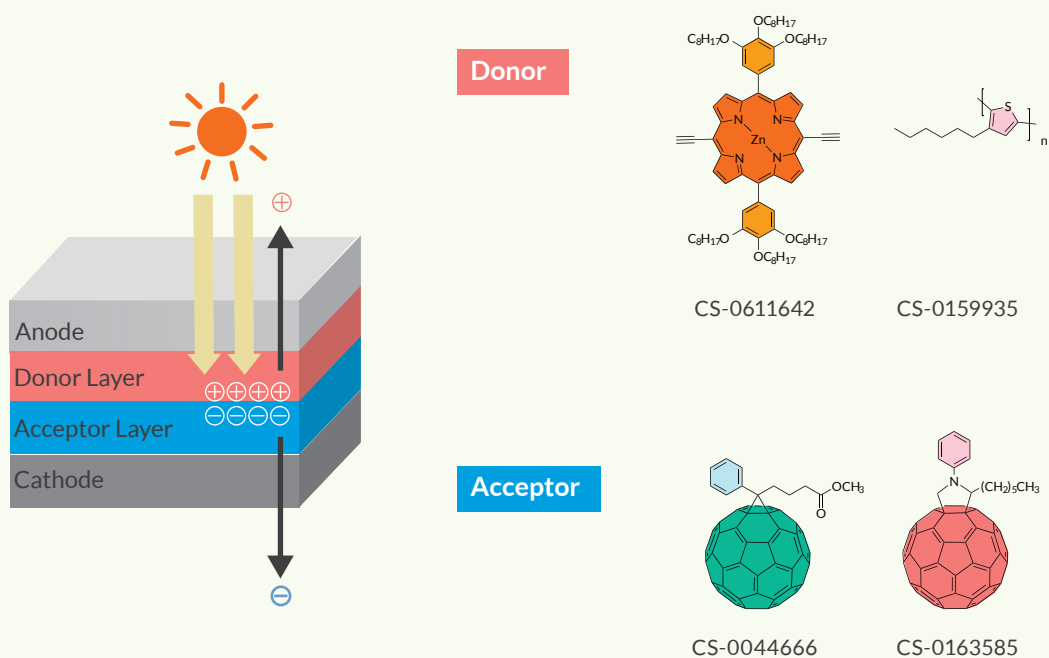
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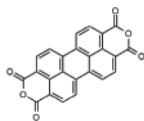
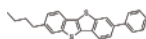
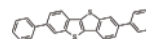
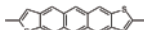
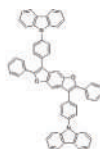
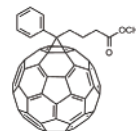
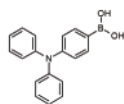
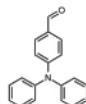
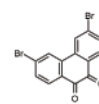
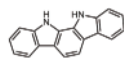
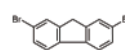
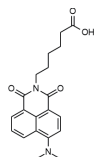
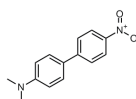
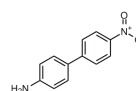
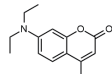
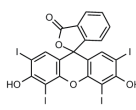
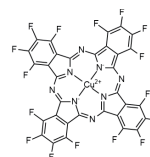


2 OFET and OPV Materials

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 photovoltaic 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.

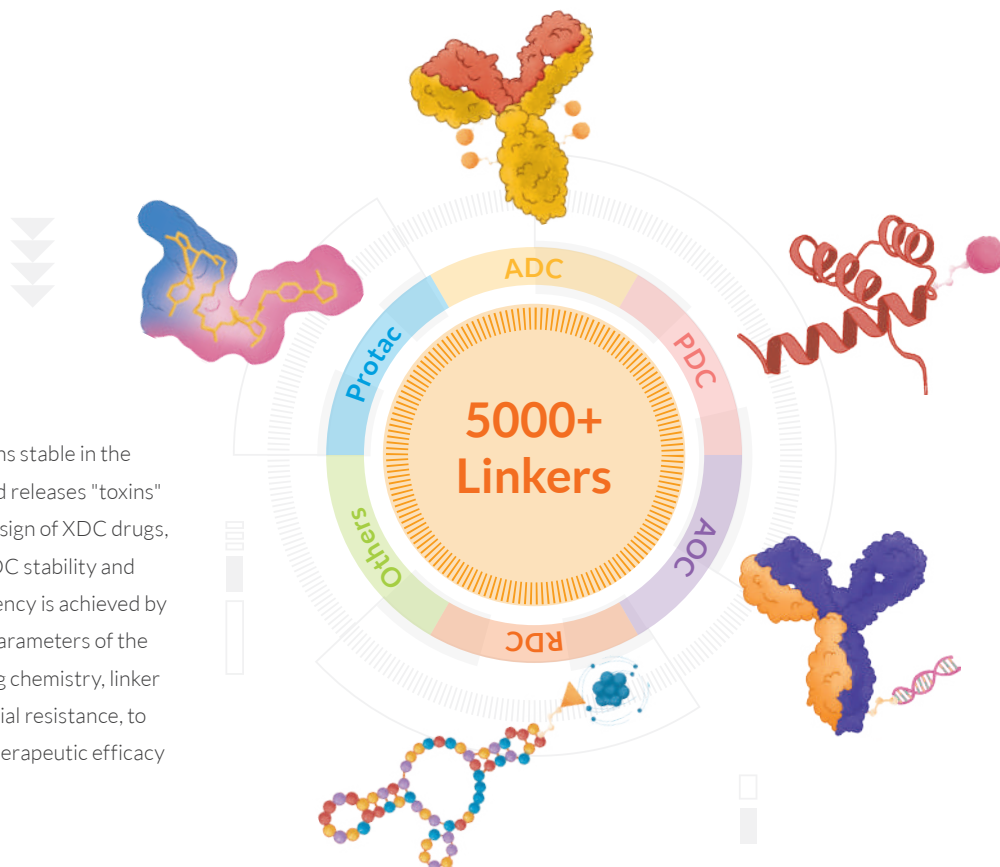


ChemScene provides a vast range of products used in OFET and OPV research, such as fullerene and non-fullerene receptor materials, various high-purity, high-performance p-type and n-type organic semiconductors (including small molecules and polymers), etc.

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Purity: 98%**CS-0035169**CAS: 1781261-91-3
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Purity: 97%**3 Organic Semiconductor Synthetic Blocks****CS-W000896**CAS: 201802-67-7
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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
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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.



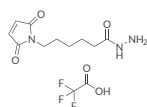
5,000+ Products, Complete Varieties, High Spot Rate

Provide Linker Synthesis, Toxin Synthesis and Linker-Toxin Synthesis Services

Provide Linker-Toxin and Antibody Conjugation Custom Service

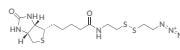
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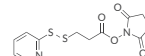
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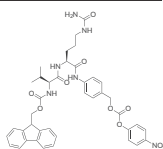
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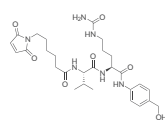
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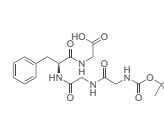
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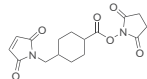
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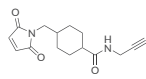
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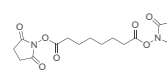
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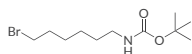
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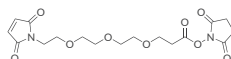
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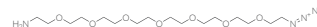
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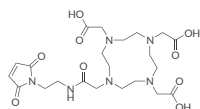
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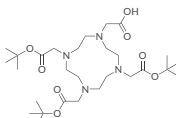
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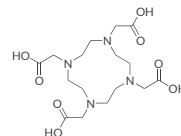
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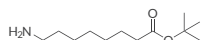
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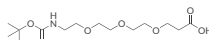
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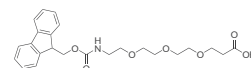
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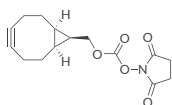
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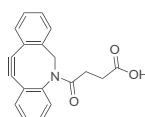
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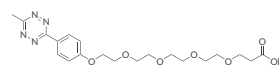
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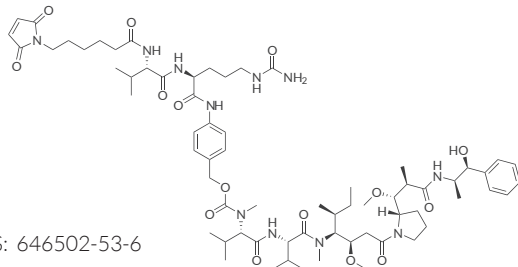
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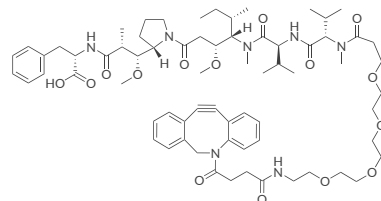
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Purity: 95%

CS-1242

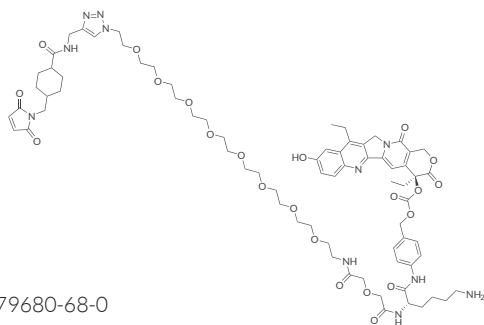
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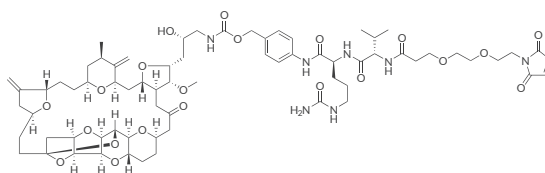
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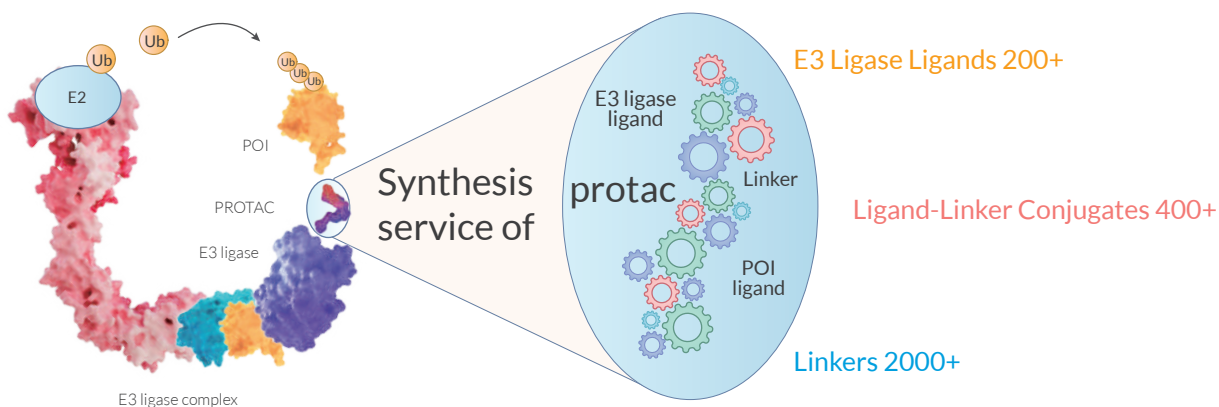
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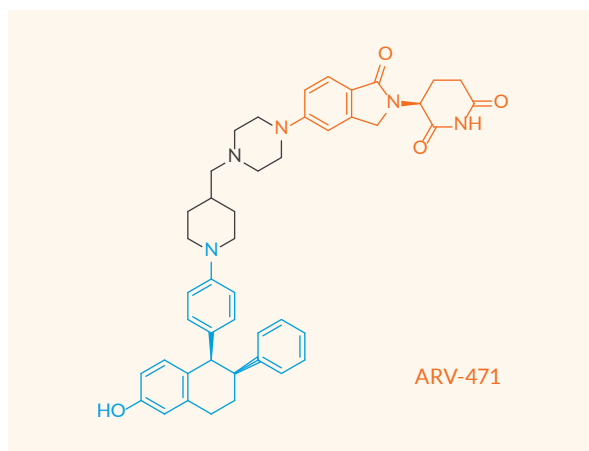
Purity: 99%

I 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.

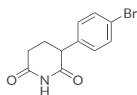


E3 Ligase Ligands

CRBN

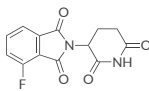
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CAS: 1267337-47-2
Purity: 98%



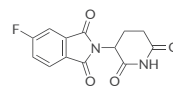
CS-B1597

CAS: 835616-60-9
Purity: 99%



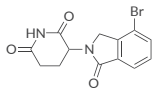
CS-0127616

CAS: 835616-61-0
Purity: 99%



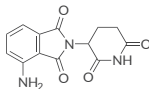
CS-0091191

CAS: 2093387-36-9
Purity: 99%



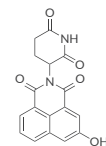
CS-0165

CAS: 19171-19-8
Purity: 99%



CS-0143941

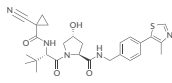
CAS: 2407829-65-4
Purity: 98%



VHL

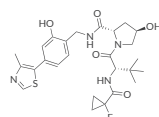
CS-7721

CAS: 2097381-85-4
Purity: 99%



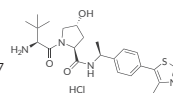
CS-0102911

CAS: 2306193-99-5
Purity: 98%



CS-7731

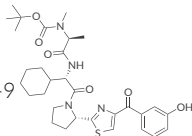
CAS: 1948273-03-7
Purity: 98%



CLAP1

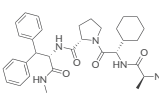
CS-0100093

CAS: 2095244-42-9
Purity: 99%



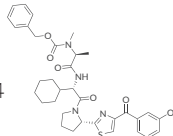
CS-0093253

CAS: 2095244-62-3
Purity: 98%



CS-0100094

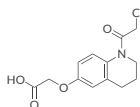
CAS: 2357114-70-4
Purity: 98%



OTHERS

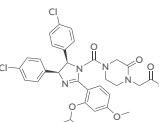
CS-0133953

CAS: 2375196-30-6
Purity: 98%



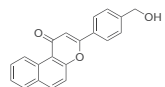
CS-0100630

CAS: 2249750-27-2
Purity: 98%



CS-0106344

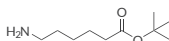
CAS: 2752755-32-9
Purity: 98%



LINKERS

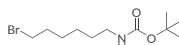
CS-B1584

CAS: 5514-98-7
Purity: 98%



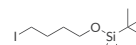
CS-W012277

CAS: 142356-33-0
Purity: 97%



CS-0134269

CAS: 92511-12-1
Purity: 98%



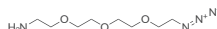
CS-W018156

CAS: 112-27-6
Purity: 99%



CS-0040368

CAS: 134179-38-7
Purity: 97%



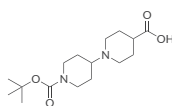
CS-0031590

CAS: 756526-06-4
Purity: 99%



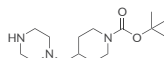
CS-0047050

CAS: 201810-59-5
Purity: 97%



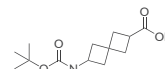
CS-0111634

CAS: 381722-48-1
Purity: 98%



CS-0050355

CAS: 1087798-38-6
Purity: 97%



LIGAND-LINKER CONJUGATES

CS-B1583

CAS: 2097938-44-6
Purity: 95%



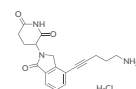
CS-0115018

CAS: 2411681-88-2
Purity: 95%



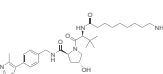
CS-1181261

CAS: 2489242-23-9



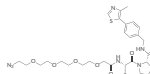
CS-0129754

CAS: 2341796-79-8
Purity: 97%



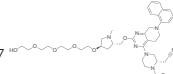
CS-7737

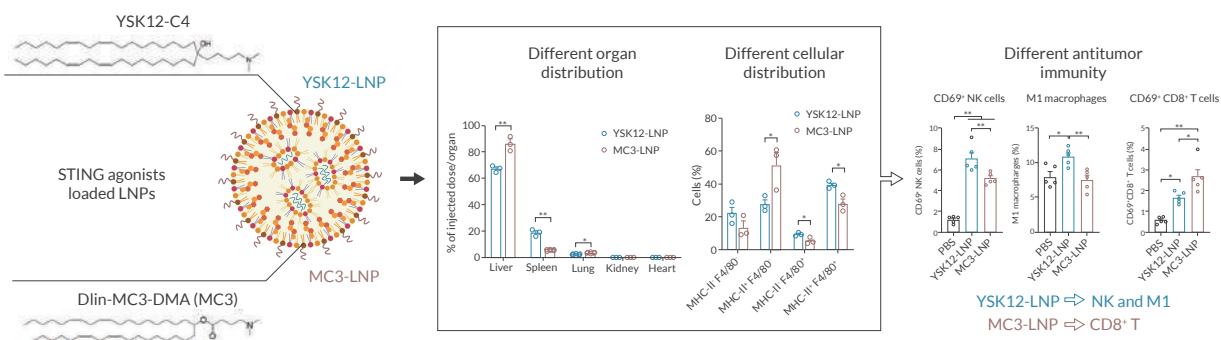
CAS: 1797406-81-5
Purity: 98%



CS-0114265

CAS: 2378261-85-7
Purity: 97%





LNP 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.

CS-0185844

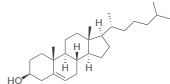
CCCCCCCCC/C=C\CCCCCCCCCOC(C)(C)N(C)CCCCCCCCC/C=C\CCCCCCCCC

CS-0374852

CHOLESTEROL

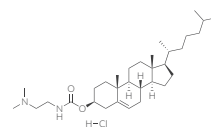
CS-5106

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



CS-0136740

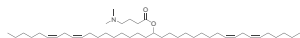
DC-Chol (hydrochloride)
CAS: 166023-21-8
Purity: 98%



IONIZABLE LIPID

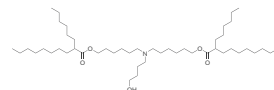
CS-0044321

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



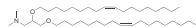
CS-0145622

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



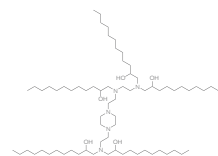
CS-0063325

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



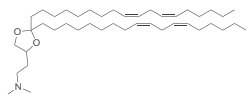
CS-0373190

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



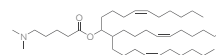
CS-0063335

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



CS-0380599

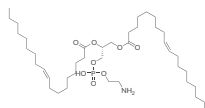
Genevant CL1
CAS: 1450888-71-7
Purity: 98%



HELPER LIPIDS

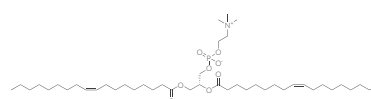
CS-0042337

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



CS-0063306

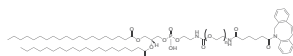
DOPE
CAS: 4235-95-4
Purity: 98%



PHOSPHOLIPIDS

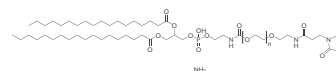
CS-0435763

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



CS-0374799

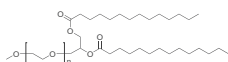
DSPE-PEG-Mal
CAS: 20559-16-4
Purity: 95%



PEG-LIPIDS

CS-0063351

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



CS-0147366

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

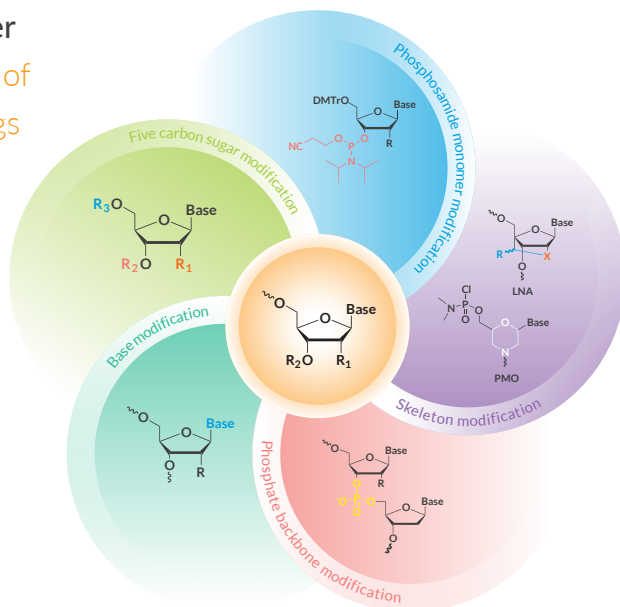


I Nucleosides & Nucleotides

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

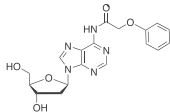
— The Cornerstone of
Oligonucleotide Drugs



PROTECTIVE NUCLEOSIDES

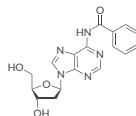
CS-0686480

CAS: 110522-74-2
Purity: 95%



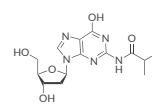
CS-W011841

CAS: 4546-72-9
Purity: 97%



CS-W016727

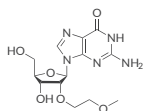
CAS: 68892-42-2
Purity: 98%



MODIFIED NUCLEOSIDES

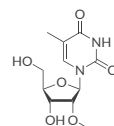
CS-0114223

CAS: 473278-54-5
Purity: 98%



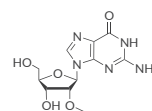
CS-0166797

CAS: 55486-09-4
Purity: 97%



CS-W013976

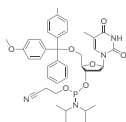
CAS: 2140-71-8
Purity: 98%



PHOSPHOSAMIDE MONOMERS

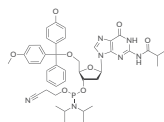
CS-W013784

CAS: 98796-51-1
Purity: 98%



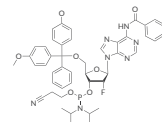
CS-W009564

CAS: 93183-15-4
Purity: 97%



CS-B1581

CAS: 136834-22-5
Purity: 98%



I 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.

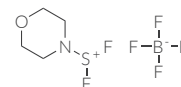


Fluorinated Reagent

Advantage

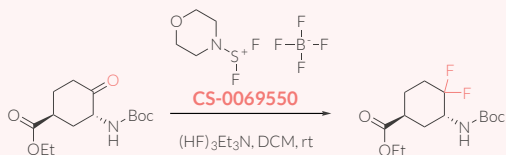
- Solid matter, compared to DAST, is more stable
- The reaction process does not produce hydrofluoric acid and can participate in the reaction in ordinary glass bottles
- Better selectivity while significantly reducing the elimination of by-products

XtalFluor-M

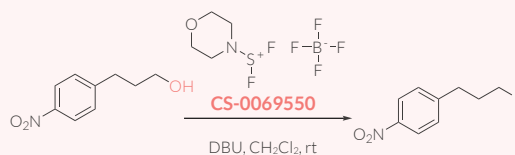


CS-0069550

Application



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

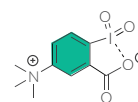


Michael R. European Journal of Medicinal Chemistry (2016), 119, 218-230

Soluble Hypervalent Iodine Oxidant

Advantage

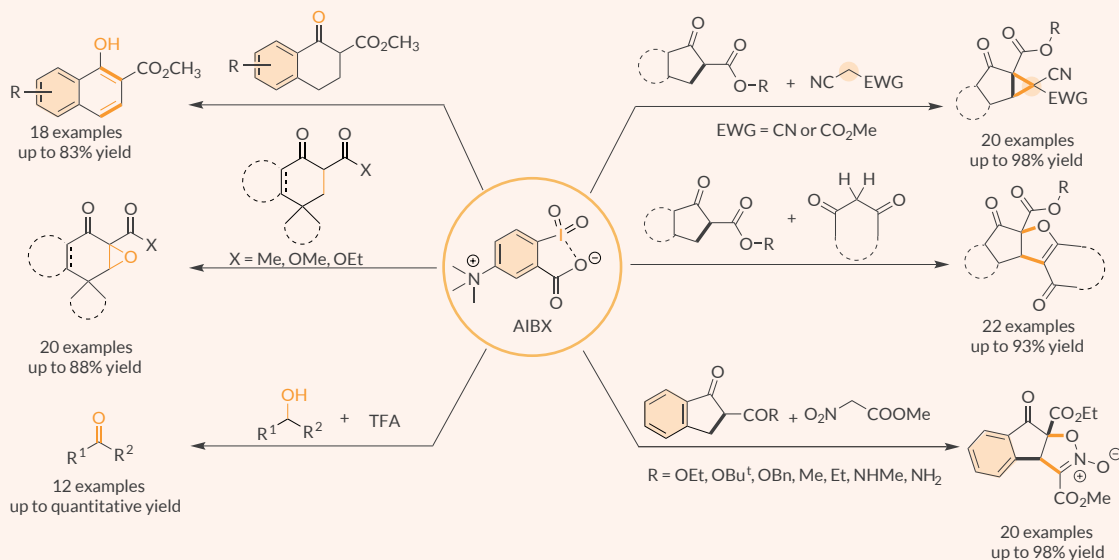
- Compared with IBX, water solubility is better
- The strong electron-pulling property of trimethylamino group can enhance the electrophilicity of iodine center and improve the reactivity of reagent
- It can complete a variety of novel dehydrogenation, oxidation and ring formation reactions AIBX Mediated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



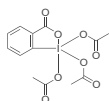
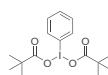
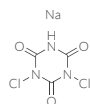
CS-0620501

Application

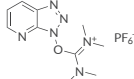
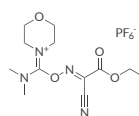
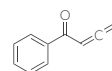
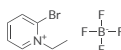
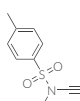
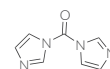
- AIBX mediated dehydrogenation functional group reaction

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

OXIDANTS

CS-0020511CAS: 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%

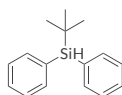
CONDENSATING REAGENTS

CS-W018342CAS: 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%



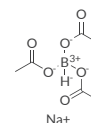
CS-W020093

CAS: 37342-97-5
Purity: 95%



CS-W020188

CAS: 56553-60-7
Purity: 98%



CS-0015311

CAS: 25895-60-7
Purity: 98%



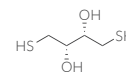
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CAS: 25015-63-8
Purity: 98%



CS-3035

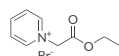
CAS: 3483-12-3
Purity: 98%



IONIC LIQUIDS

CS-0151874

CAS: 17282-40-5
Purity: 98%



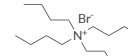
CS-W017354

CAS: 479500-35-1
Purity: 98%



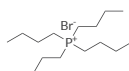
CS-0010099

CAS: 1643-19-2
Purity: 97%



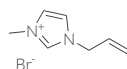
CS-W009414

CAS: 3115-68-2
Purity: 98%



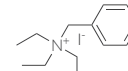
CS-0157995

CAS: 31410-07-8
Purity: 98%



CS-W013947

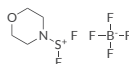
CAS: 5400-94-2
Purity: 98%



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%



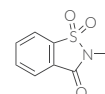
CS-0196757

CAS: 1391728-13-4
Purity: 98%



CS-0205380

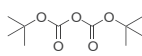
CAS: 86340-94-5
Purity: 97%



PROTECTION AND DERIVATIZATION REAGENTS

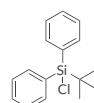
CS-0017817

CAS: 24424-99-5
Purity: 98%



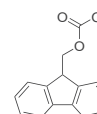
CS-0017207

CAS: 58479-61-1
Purity: 95%



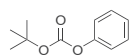
CS-0019387

CAS: 28920-43-6
Purity: 97%



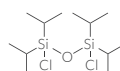
CS-W010657

CAS: 6627-89-0
Purity: 98%



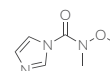
CS-0006202

CAS: 69304-37-6
Purity: 98%



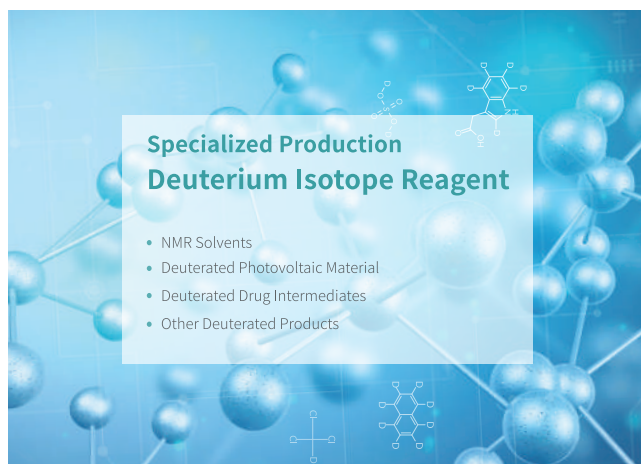
CS-0438973

CAS: 862873-06-1
Purity: 98%



I 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.



I Production Units



I Testing Instruments

NMR SOLVENTS

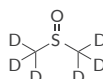
CS-0114059

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



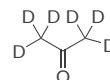
CS-0066363

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



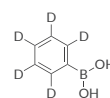
CS-0182895

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



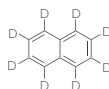
CS-0063081

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



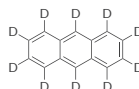
CS-0201372

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



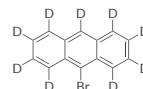
CS-0201368

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



CS-0201369

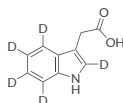
CAS: 183486-02-4
Purity: 98%D



DEUTERATED DRUG INTERMEDIATES

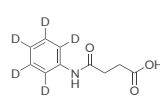
CS-0128587

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



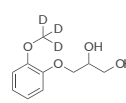
CS-0203624

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



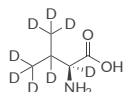
CS-0182860

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



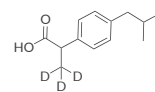
CS-M3769

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



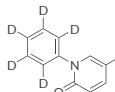
CS-0019817

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



CS-0019837

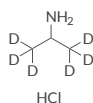
CAS: 1020719-62-3
Purity: 98%D



OTHER DEUTERATED PRODUCTS

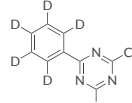
CS-0378332

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



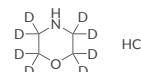
CS-0644884

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

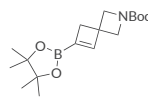
CS-0135464

CAS: 2306268-34-6
Purity: 98%



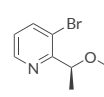
CS-0529263

CAS: 2730903-90-7
Purity: 98%



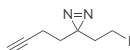
CS-0312114

CAS: 2641451-44-5
Purity: 98%



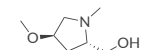
CS-0137485

CAS: 1450754-38-7
Purity: 98%



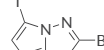
CS-0159252

CAS: 1842337-34-1
Purity: 98%



CS-0080521

CAS: 1246372-52-0
Purity: 98%



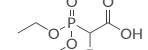
CS-0371338

CAS: 118764-05-9
Purity: 98%



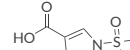
CS-0527385

CAS: 30094-32-7
Purity: 98%



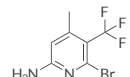
CS-0436349

CAS: 1521806-48-3
Purity: 98%



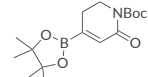
CS-0379573

CAS: 2417920-98-8
Purity: 98%



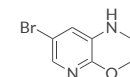
CS-0375950

CAS: 1345469-26-2
Purity: 98%



CS-0128559

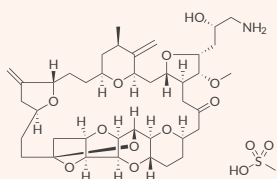
CAS: 946121-78-4
Purity: 98%



Outstanding Synthesis Capability

APIS

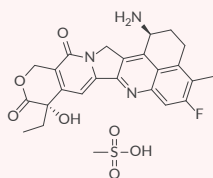
Eribulin Mesylate



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

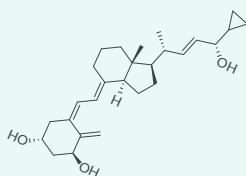
Exatecan Mesylate



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.

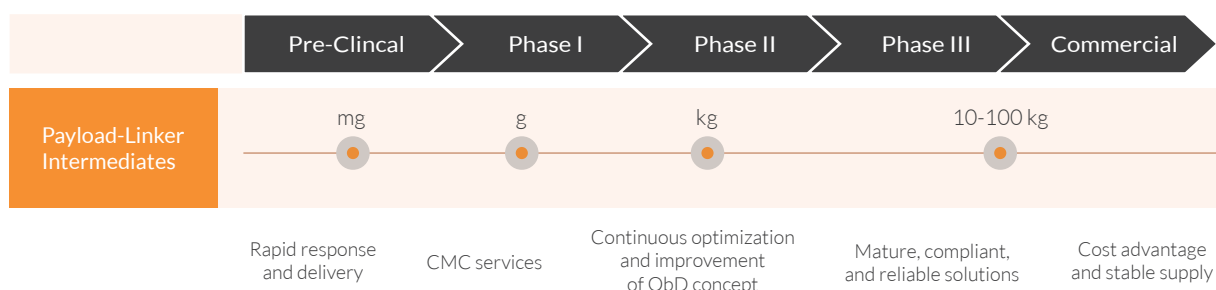
I ADC One-Stop Service

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.

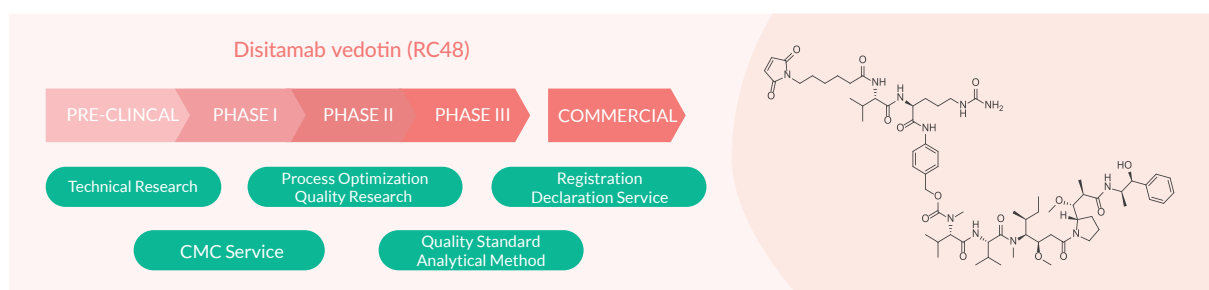
What We Can Offer

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.



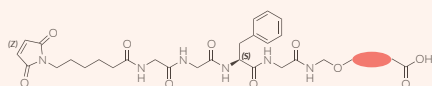
Case 2 | EXATECAN MESYLATE successfully obtained FDA DMF filing, Record No.: MF036708



Our ADC Products Dispay

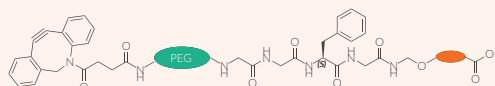
Linker Capability

Linker 1



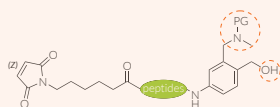
- Scalable Synthesis with $\geq 99\%$ purity
- Unknown Impurity Limit $<0.5\%$
- Kilo Supply
- Crystallization purification

Linker 2



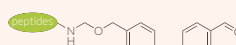
- Scalable Synthesis with $\geq 97\%$ purity
- Unknown Impurity Limit $<0.1\%$
- >500 gram Supply
- Crystallization purification

Linker 3



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

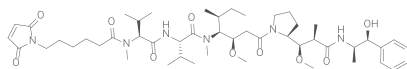
Linker 4



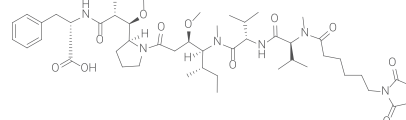
- Scalable Synthesis with $\geq 97\%$ purity
- Unknown Impurity Limit $<0.5\%$
- Kilo Supply
- Crystallization purification

PAYLOAD-LINKERS

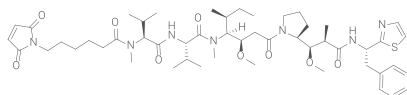
CS-2739



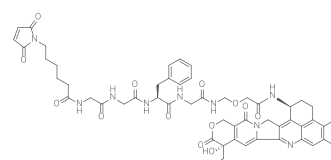
CS-5344



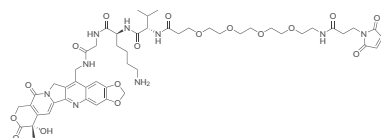
CS-1615



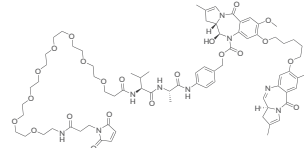
CS-0045125



CS-0159825



CS-0102843



I 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

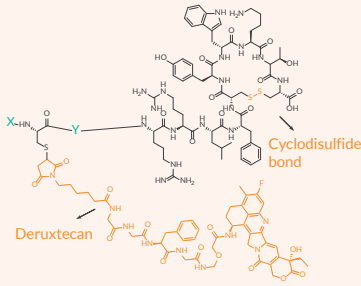
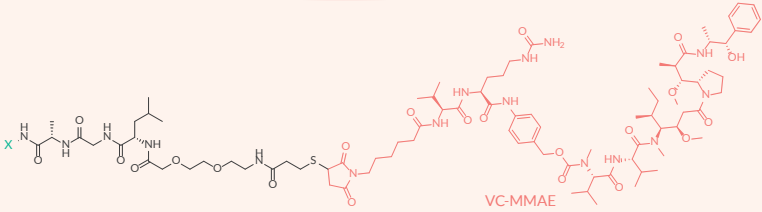
Type	Annotation	
PDC	Peptide linker / payload	Product specifications
Linear Peptide	Peptides synthesized within 50 amino acids	
Simple Modification	C-terminal acylation, esterification, alcohol hydroxylation N-terminal acetylation	Coarse product, salt conversion, desalination;
Complex Modification	- 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				

20 L Semi-automatic Peptide Synthesizer

Biotage Syro II

Peptide Synthesis and Analysis Equipment



DAC Preparation and Separation

I 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-Clinical	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	Oligonucleotide Conjugation	DNA Synthesis
• Small interfering RNA (siRNA) • CRISPR sgRNA • MicroRNA (miRNA) • Small activating RNA (saRNA)	• GalNAc conjugated oligonucleotides • Peptide conjugated oligonucleotides • Antibody conjugated oligonucleotides	• 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%

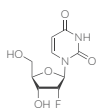
Our Nucleoside Monomer Dispay (from mg to ton)

NUCLEOSIDES

2'-Fluoro-2'-deoxyuridine

CAS: 784-71-4

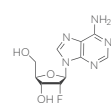
Purity: ≥99.9%



2'-Fluoro-2'-deoxyadenosine

CAS: 64183-27-3

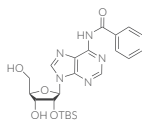
Purity: ≥99.5%



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

CAS: 69504-07-0

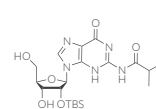
Purity: ≥99%



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

CAS: 182007-86-9

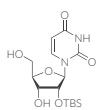
Purity: ≥98%



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

CAS: 54925-71-2

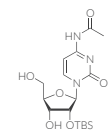
Purity: ≥98%



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

CAS: 401812-97-3

Purity: ≥98.5%

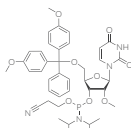


AMIDITES

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

CAS: 110764-79-9

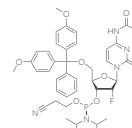
Purity: 98%



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

CAS: 159414-99-0

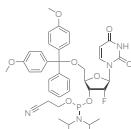
Purity: 98%



DMT-2'-F-dU-CE Phosphoramidite

CAS: 146954-75-8

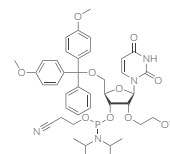
Purity: 98%

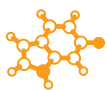


DMT-2'-O-MOE-rU Phosphoramidite

CAS: 163759-97-5

Purity: 98%





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