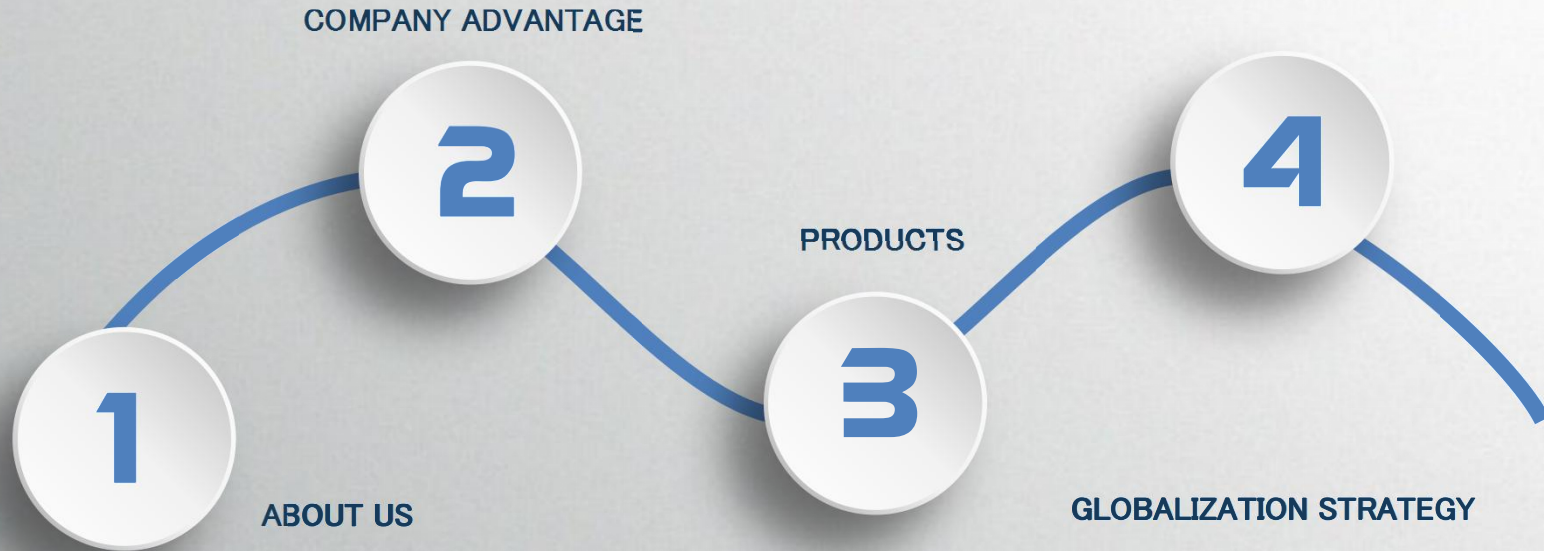


Hunan Huateng Pharmaceutical Co.,Ltd

湖南华腾制药有限公司



1

ABOUT US



Company Introduction |

Hunan Huateng Pharmaceutical Co., Ltd is a company committed to research and development, production and sales of high-end biological, chemical reagents and bulk pharmaceutical intermediates. Ability of providing professional, personalized and technical support of the one-stop service to all global customers, something we always keep in mind-quality & price, professionally & efficiency, and reliability & reputation.



our mission

To provide cost-effective products and the best quality service to " the development of human medicine and health "!



Production base

Owns 5000m² R&D centre and Tens of thousands of square meters mass production base



Number of employees

Huateng has an excellent and experienced R & D team and professional sales team which over 150 employees.



Items of products

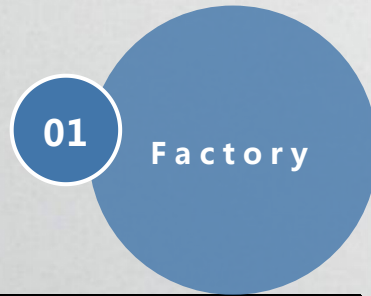
The Company independent research and develop more than 10,000 kinds of products, and sell to customers all over the world.

The completion Schedule on sub-item projects

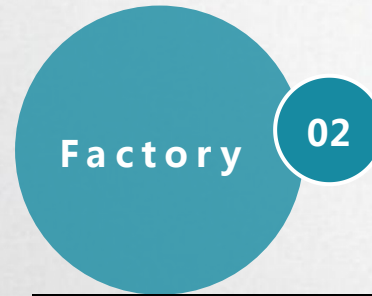
No.	Sub-project	Construction	Installation	Decoration
1	Workshop 1&2	2019.6	2019.8	2019.10
2	Workshop 3&4	2019.8		2019.12
3	Auxiliary workshop	2019.6	2019.8	2019.10
4	Pilot workshop	2019.8		2019.12
5	Dorm room with canteen	2019.8		2019.12
6	Class A warehouse			2019.10
7	Class C warehouse			2019.10
8	Mechanic fire pump house	2019.6	2019.8	2019.10
9	Tank area	2019.6	2019.10	2019.12
10	Outdoor work (road, hydropower)	2019.10		

● Two factories rent in Henan province

Production capability: 310 tons per year.



Construction	Number
5000L reactor	1
3000L reactor	2
2000L reactor	5
2000L distiller reactor	1
1000L reactor	4



Construction	Number
5000L reactor	1
3000L reactor	5
2000L reactor	2
1000L reactor	3

Capable of conducting distillation, recrystallization and column chromatography.

Management team



Chuhua Liu
Chief executive

MSM, Nankai University
Former general manager of Weisheng
Technology, a listed company



Tan Yuanming
Chief operating officer

Doctor of Management, Central
South University;
One of the founders of Fangsheng
Pharmaceutical



Cheng Jia
Chief technology officer

Doctor of Organic Chemistry, Nankai University;
Changsha "3635" senior talents;
Changsha City, High-tech Zone "555" talents;
Ever responsible for the development of new drugs at
Roche Pharmaceuticals



Luo Rong
Chief scientific officer

Doctor of Molecular Genetics in American
Anderson Cancer Center;
Hunan Province 100 people plan experts
Former professor of Harvard Medical School



Wu Siqing
Dean of Research Institute

Master of Science,
Philadelphia University, USA
Senior Drug Analysis Engineer,
Merck & US Pharmacopoeia Commission



Chen Lijie
Chief financial officer

American CPA
Ph.D. in Finance
Formerly PWC Finance Manager



Zhao Jie
Chief marketing officer

MBA, Cnell University
Over ten year of marketing
experience.

2

COMPANY ADVANTAGES



● Our advantages |

**Attention to technological innovation
Independent research and development**

**Owing a number of core
technology invention patents**

Advanced equipment

2

3

4

**Large-scale
production plant**

High-end R & D team

1

5

**Company
advantages**

Advantage 1

High-end R & D team

Huateng attaches great importance to personnel training and continues to recruit more new talents to make Huateng stronger.
Employees: 150 R&D scientists: 75
Among the R&D personnel, 12 are high-level talents from overseas backgrounds, and 10 are selected as provincial talents.

R&D scientists

■ Doctors

■ Masters

■ Others



Doctors: 8

Masters: 49

Others: 18



Advantage 2



400MHz NMR



GC



GPC



FTIR



HPLC-MS



HPLC



Auto Polarimeter



R&D laboratory



laboratory table

Advanced equipment

Huateng is equipped with the world's leading analytical instruments to ensure the quality and successful delivery.

Equipment	QTY
Nuclear magnetic resonance	1
HPLC-MS instrument	1
HPLC	2
Gas Chromatograph	1
Karl Fischer Moisture Analyzer	1
100L Reactor	4
50L Reactor	5
20L Reactor	8




Advantage 3 |



**Technological
innovation,
Independent
research &
development**

Innovation is Huateng's soul. Huateng attaches great importance to technological innovation, by purchasing a variety of synthetic equipment & setting up advanced laboratories & mass-production plant. At present, Huateng has developed more than 10,000 kinds of products, including organotin compounds, boronic acids/esters, Monodisperse PEG & Polydisperse PEG derivatives, biological reagents, VD derivatives, amino acid derivatives, pharmaceutical intermediates and other compounds.



Advantage 4

1. 269 patents have been applied and 10 have been authorized.
2. ISO9001 certified manufacture.
3. Qualified as High-tech Enterprise.



Multiple Invention patents



ISO9001 Quality management

Some core patents

No.	Patent name	Patent No.	No.	Patent name	Patent No.
1	Glycocholic acid polyethylene glycol derivative and preparation method thereof	201710769819.8	12	Preparation method of PEGylated biotin derivative	201710565233.X
2	Preparation method of terminal amino polyethylene glycol urethane tert-butyl ester	201710743366.1	13	Camptothecin and betulinic acid conjugate and preparation method thereof	201710504362.8
3	Preparation method of monodisperse polyethylene glycol monomethyl ether	201710721289.X	14	Polyethylene glycol modified recombinant human insulin and preparation method thereof	201610381975.2
4	Doxorubicin PEGylated gambogic acid analog and preparation method thereof	201710714806.0	15	Branched polyethylene glycol modified L-asparaginase and preparation method thereof	201610381717.4
5	Method for separating and purifying terminal amino polyethylene glycol hydroxyl group	201710691152.4	16	Method for modifying polyethylene glycol modified interferon protein	201610382059.0
6	Method for preparing terminal amino polyethylene glycol hydroxyl group	201710683335.1	17	Preparation method of polyethylene glycol modified maxacalcitol	201610338863.9
7	Method for preparing amino polyethylene glycol propionic acid	201710557817.2	18	Branched polyethylene glycol modified paclitaxel and preparation method thereof	201510665394.7
8	Method for preparing amino polyethylene glycol hydroxyl group	201710549858.7	19	Preparation method of polyethylene glycol modified unnatural amino acid	201510427267.3
9	Preparation method of terminal fluorenyl polyethylene glycol amino group	201710531334.5	20	Preparation method of polyethylene glycol modified small molecule drug	201510427278.1
10	Preparation method of PEGylated biotin derivative	201710565233.X	21	Preparation method of polyethylene glycol modification	201510427417.0
11	Camptothecin and betulinic acid conjugate and preparation method thereof	201710504362.8	22	Preparation method of monomethyl polyethylene glycol carboxylic acid and application thereof	201510253468.6

Advantage 5

Mass Production Factory

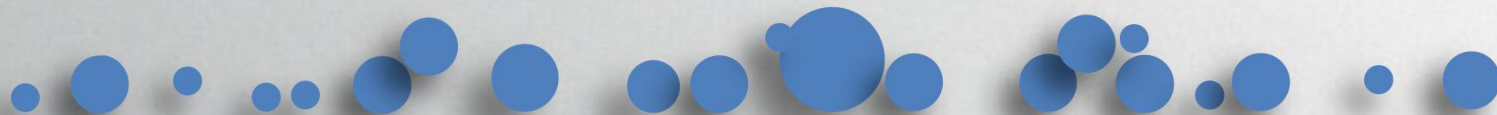


We have tens of thousands of square meters production base to meet bulk requirements.



3

PRODUCTS

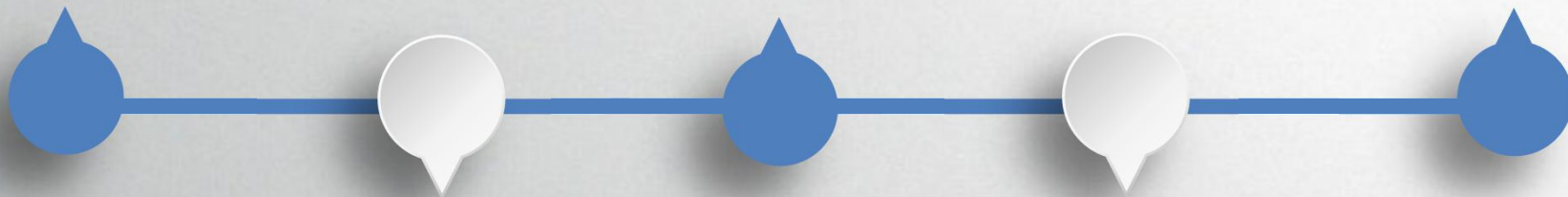


● Products |

Chemical Products

PEG Derivatives

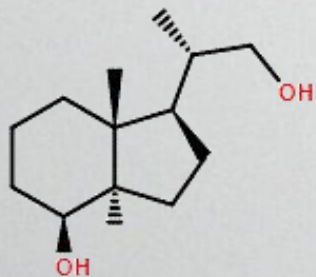
Bulk Products



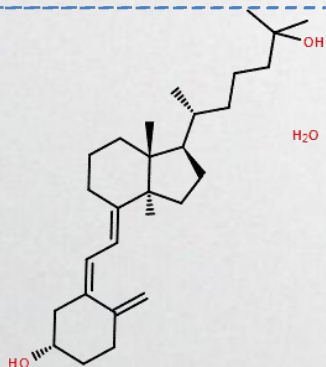
Biological Reagents

Custom Synthesis

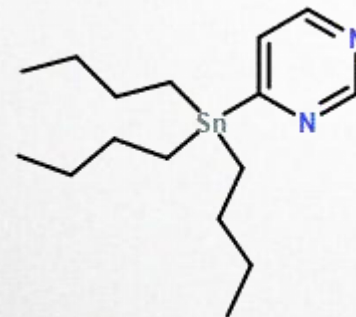
Chemical compounds |



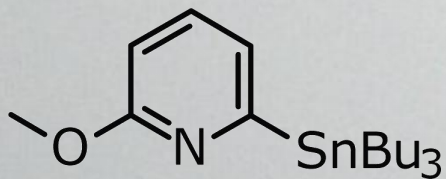
InhoffenLythgoediol
CAS No:64190-52-9



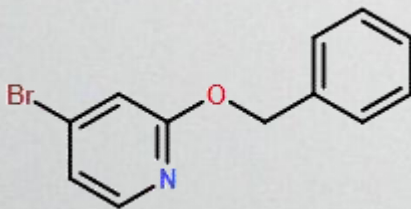
25-OH-Vitamin D3
CAS No:63283-36-3



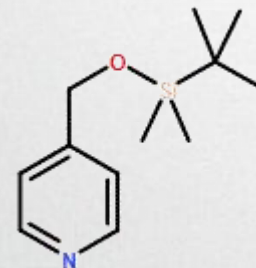
4-(Tributylstannyl)pyrimidine
CAS No:332133-92-3



2-Methoxy-6-(tributylstannyl)pyridine
CAS No:164014-94-2

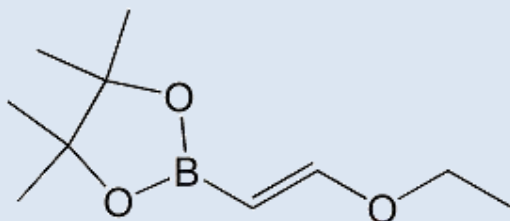


2-(benzyloxy)-4-bromopyridine
CAS No:960298-00-4

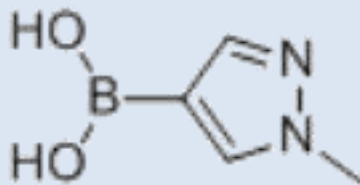


4-(tert-butyl dimethylsilyloxymethyl)pyridine
CAS No:117423-41-3

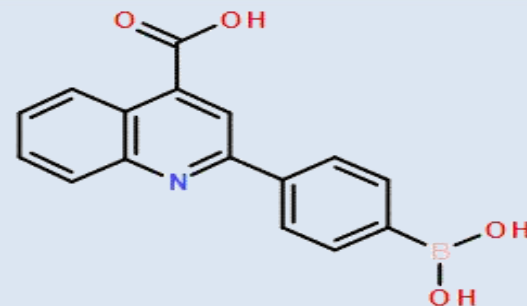
Boronic acids/esters



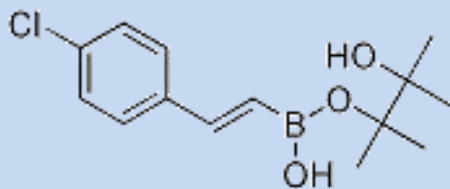
(E)-1-Ethoxyethene-2-ylboronic acid pinacol ester
CAS No.:1201905-61-4



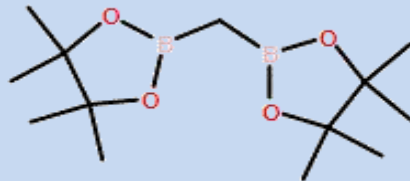
1-Methyl-1H-pyrazole-4-boronic acid
CAS No.:847818-55-7



2-(4-DIHYDROXYBORANE)PHENYL-4-CARBOXYQUINOLINE
CAS No.:373384-17-9



4-chloro-trans-beta-styrylboronic acid pinacol ester
CAS No.:223919-54-8

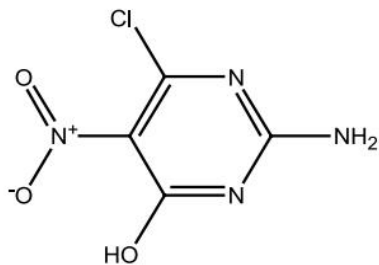


Bis[(pinacolato)boryl]Methane
CAS No.:78782-17-9



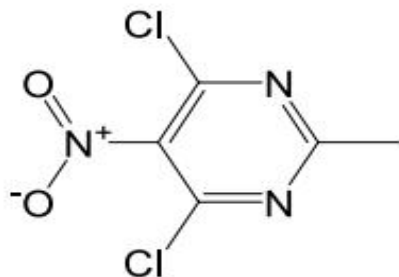
2,4-Difluoro-5-Methoxyphenylboronic acid
CAS No.:1395417-65-8

Pyrimidines



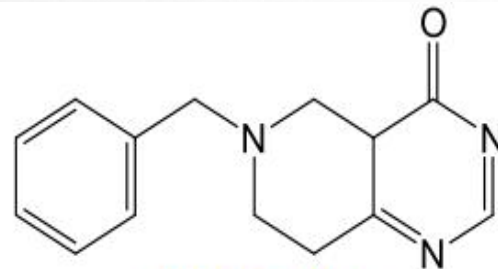
1007-99-4

2-Amino-6-chloro-5-nitropyrimidin-4-ol



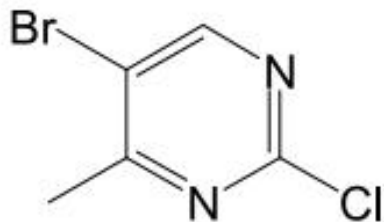
13162-43-1

4-Amino-5,6-dimethoxy-2-chloropyrimidine



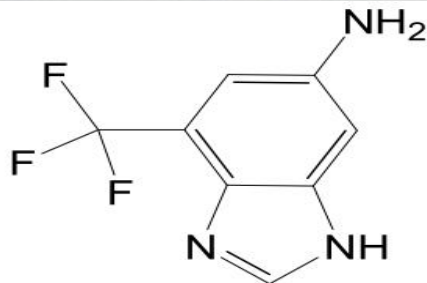
1311254-72-4

6-benzyl-4a,5,7,8-tetrahydropyrido[4,3-d]pyrimidin-4-one



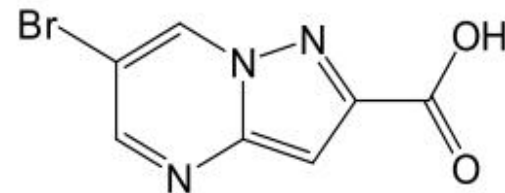
633328-95-7

5-Bromo-2-chloro-4-methylpyrimidine



672-41-3

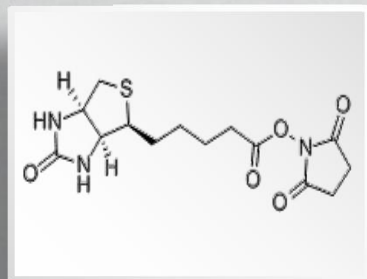
6-(Trifluoromethyl)pyrimidin-4-amine



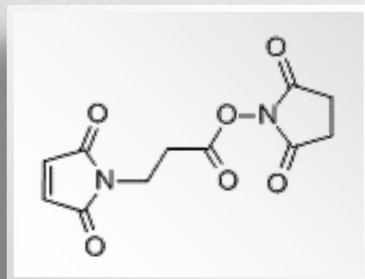
300717-72-0

6-Bromo-pyrazolo[1,5-a]pyrimidine-2-carboxylic acid

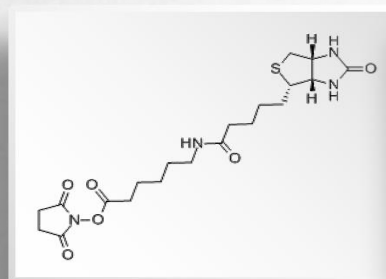
Biological Reagents



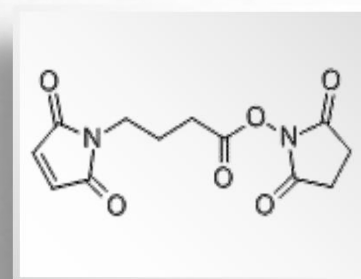
BIOTIN-NHS
CAS No:35013-72-0



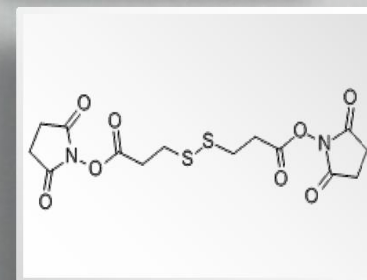
N-Succinimidyl 3-maleimidopropionate
CAS No:55750-62-4



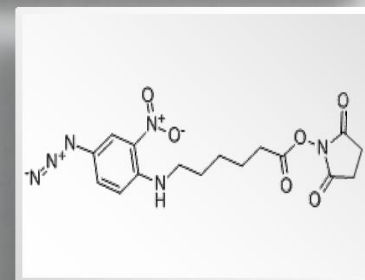
Succinimidyl 6-(biotinamido)hexanoate
CAS No:72040-63-2



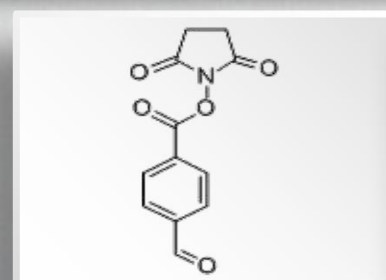
GMBS
CAS No:80307-12-6



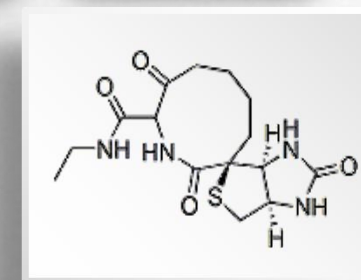
3,3'-DITHIODIPROPIONIC ACID DI(N-SUCCINIMIDYL ESTER)
CAS No:57757-57-0



SANPAH
CAS No:64309-05-3

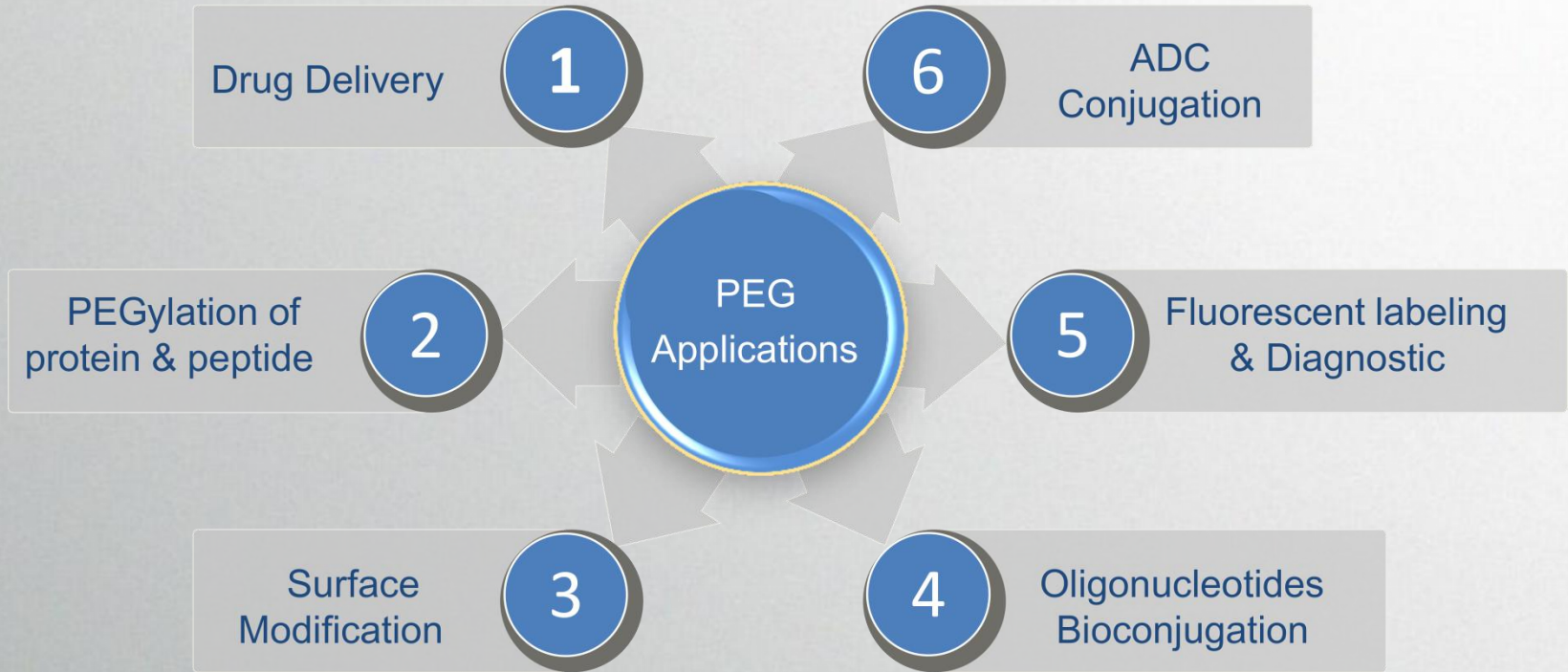


SUCCINIMIDYL 4-FORMYLBENZOATE
CAS No:60444-78-2



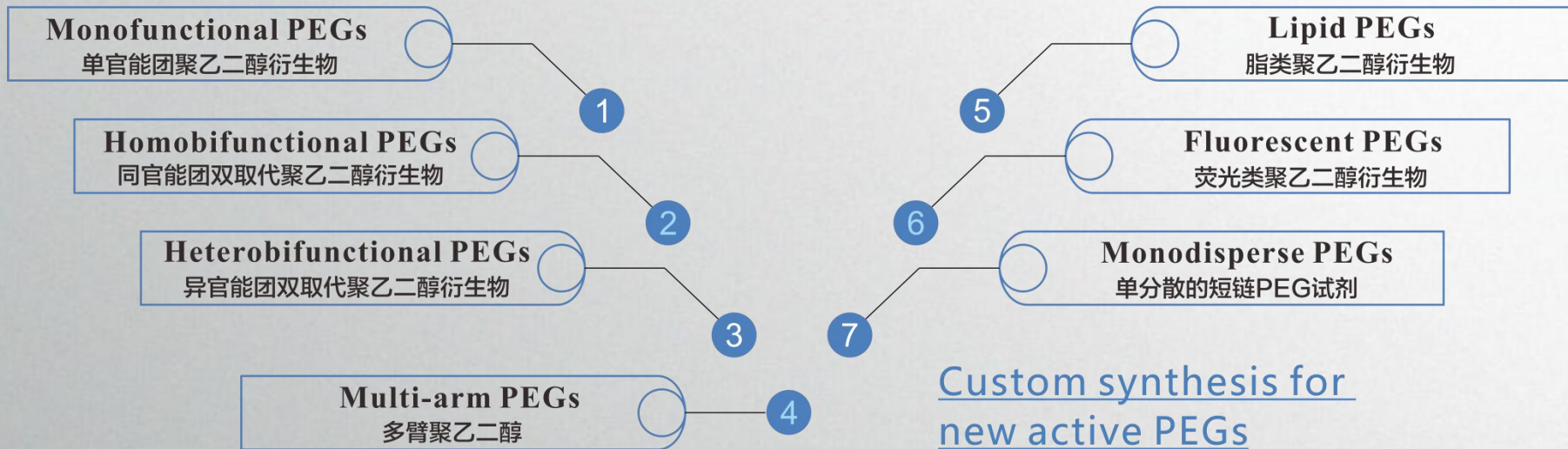
BIOTINYLAMIDOETHYLACETAMIDE
CAS No:111790-37-5

PEG Applications





Wide products line for functional PEGs



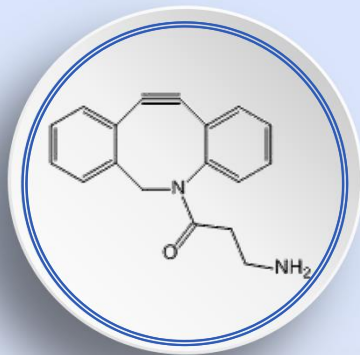


Click Chemistry Tool

DBCO PEG

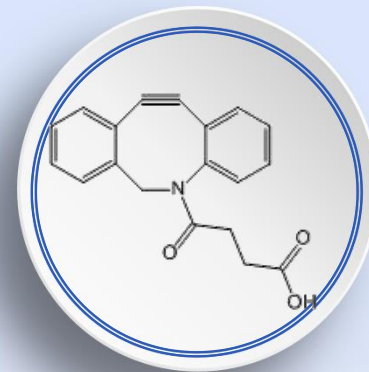
Product Name :DBCO Amine

CAS Number: 1255942-06-3



Product Name :DBCO Acid

CAS Number: 1353016-70-2



AZIDE PEG



Azide-PEG-Amine

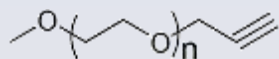


Azide-PEG-Epoxy



Azide-PEG-Hydroxy

ALKYNE PEG

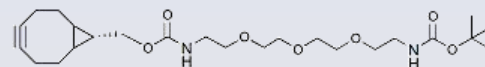


mPEG-Alkyne



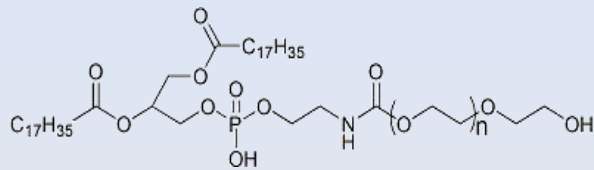
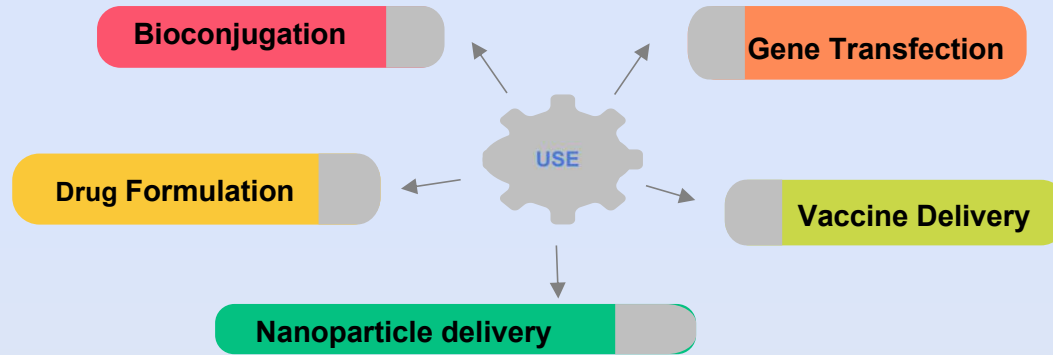
Alkyne-PEG-Alkyne

BCN PEG

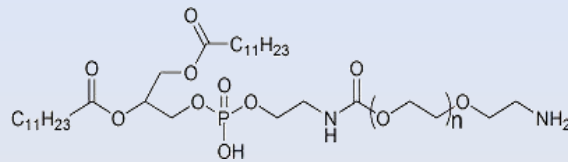


endo-BCN-PEG3-Boc-amine

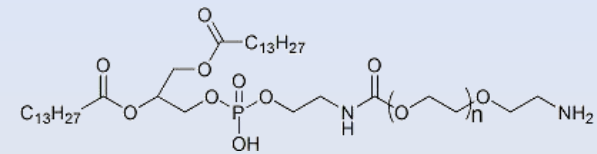
Phospholipids PEG



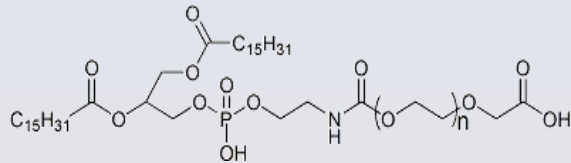
DSPE-PEG-Hydroxy



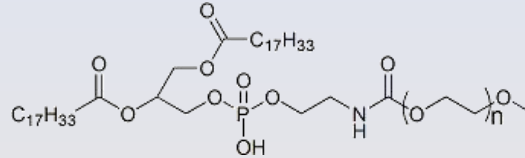
DLPE-PEG-Amine



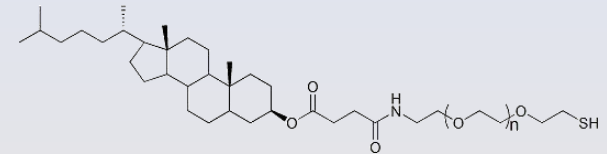
DMPE-PEG-Amine



DPPE-PEG-Acetic Acid

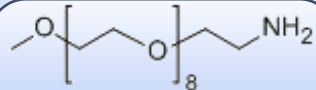


mPEG-DOPE

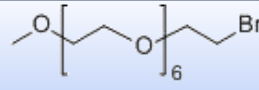


Cholesterol-PEG-Thiol

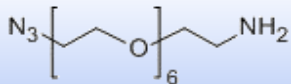
Monodisperse PEG



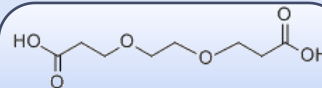
mPEGn-NH2
n=2,3,4,5,6,7,8,9



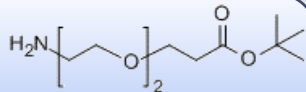
mPEGn-Br
n=7,8,9



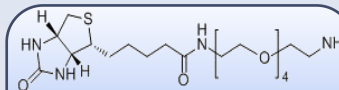
NH2-PEGn-N3
n=2,3,4,5,6



Bis-PEGn-acid
n=2,3,4,5,6



NH2-PEGn-CH2CH2COOtBu
n=2,3,4

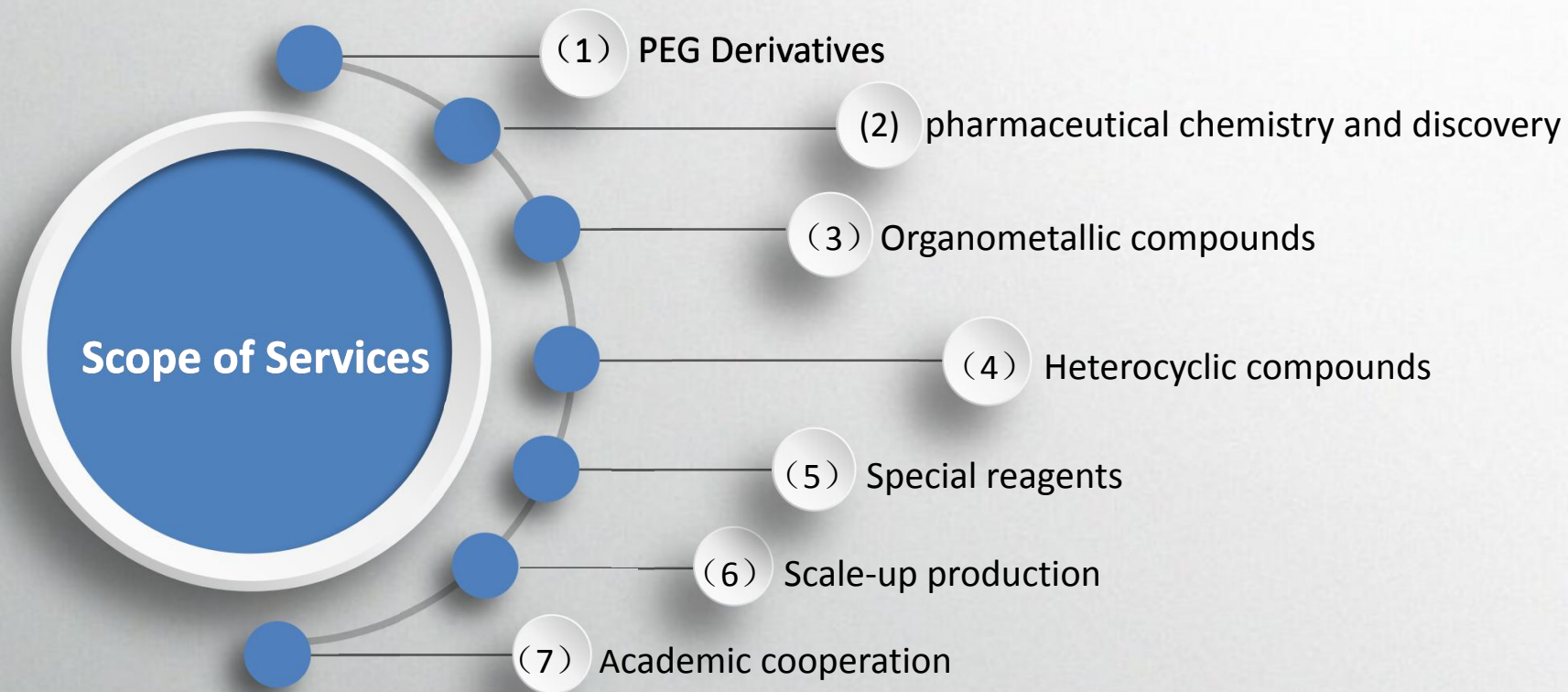


Biotin-PEGn-NH2
n=4,5,6

Bulk Production Project

Custom Synthesize |

Custom synthesis is our core business. Our versatile chemical synthesis expertise and manufacturing capability prepare us to produce a variety of known, novel or even hard-to-find chemicals from kg to ton scale.

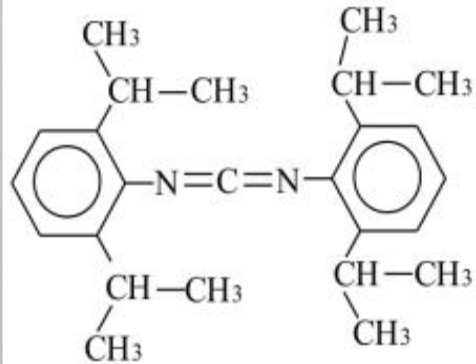


Bulk products 1 |

Versatile Hydrolysis Stabilizer for Polymers

Bis(2,6-diisopropylphenyl)carbodiimide

CAS No. : 2162-74-5



Application:

Hydrolytic stabilizers are used in polymeric materials containing esters and amide groups, lubricating oils and organic liquids, especially at higher process temperatures. It removes acid from water and prevents autocatalytic degradation.

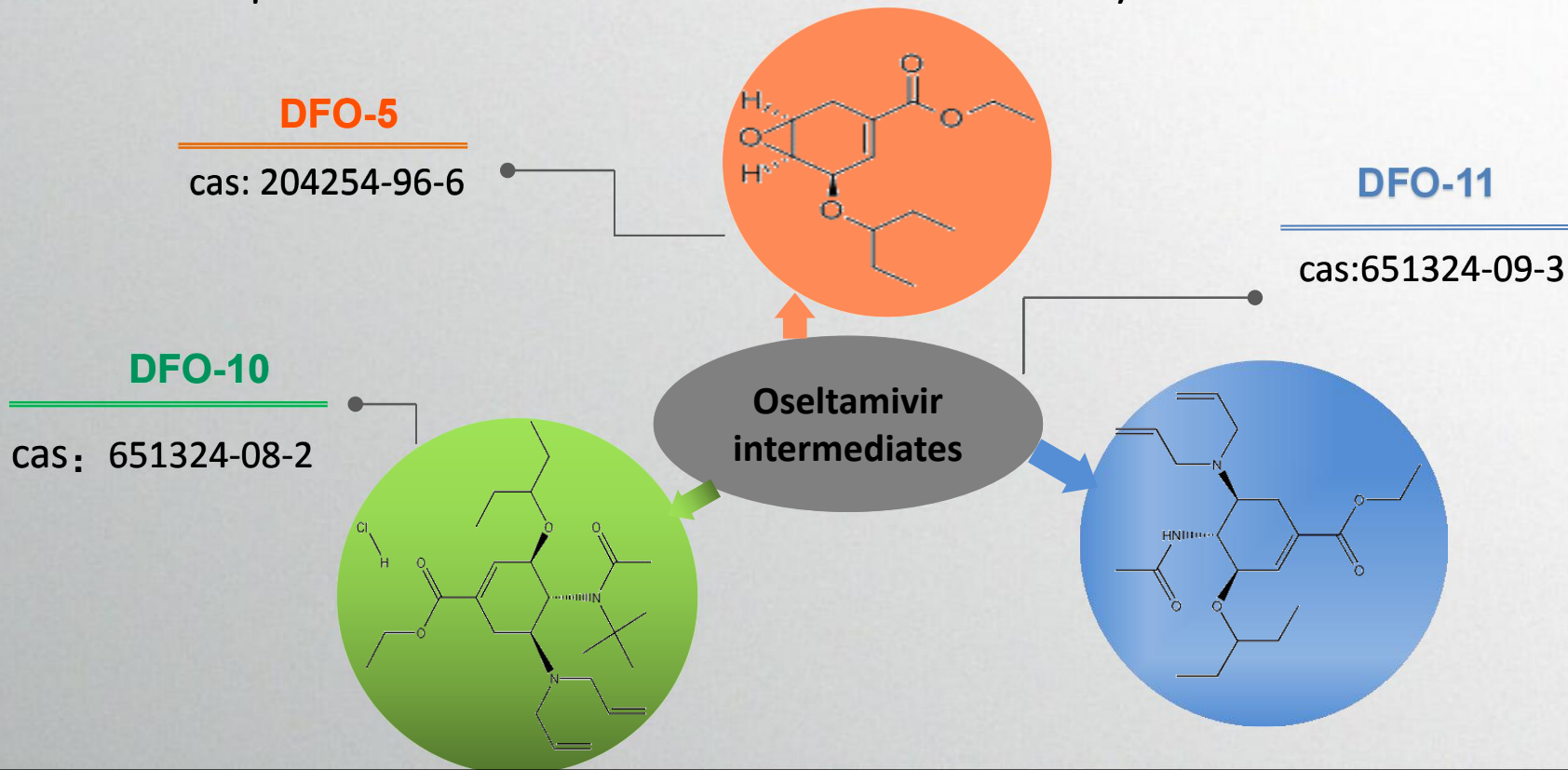
Polyester products stability (including PET, PBT and PEEE) and many of the polyurethane products and polyamide nylon products, EVA and other easily hydrolyzed plastic stabilizer. But also to prevent water and acid attack on the lubricating ester and lubricants, play a stabilizing effect.

Keywords: 2162-74-5; hydrolytic stabilizer; STABAXOL I

Bulk products 2 |

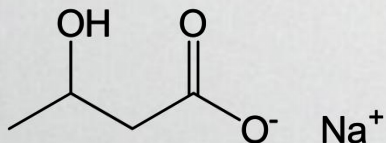
Intermediates of the API Oseltamivir:

used for the prevention and treatment of influenza caused by influenza A and B viruses.



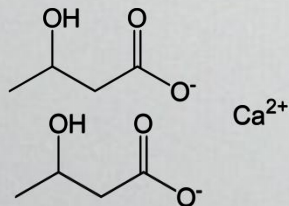
Bulk products 3 |

01



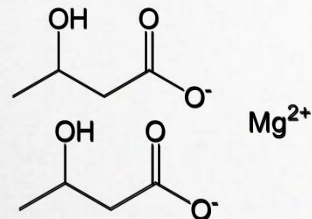
Product Name Sodium 3-hydroxybutyrate
Molecular Formula C₄H₇NaO₃
Molecular Weight 126.09
Batch No. 20160418-09
Quantity 20.0 kg
CAS No. 150-83-4
Package 20.0 kg/Fiber drum

03



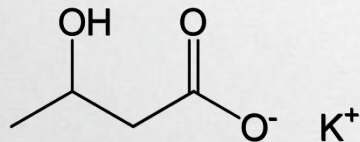
Product Name Calcium 3-hydroxybutyrate
Molecular Formula C₈H₁₄CaO₆
Molecular Weight 246.27
Batch No. 20160423-08
Quantity 20.0 kg
CAS No. 586976-56-9
Package 20.0 kg/Fiber drum

02



Product Name Magnesium 3-hydroxybutyrate
Molecular Formula C₈H₁₄MgO₆
Molecular Weight 230.5
Batch No. 20160523-03
Quantity 20.0 kg
CAS No. 586976-57-0
Package 20.0 kg/Fiber drum

04



Product Name Potassium 3-hydroxybutyrate
Molecular Formula C₄H₇O₃K
Molecular Weight 142.19
Batch No. 20160411-06
Quantity 20.0 kg
CAS No. 39650-04-9
Package 20.0 kg/Fiber drum

4

GLOBALIZATION STRATEGY



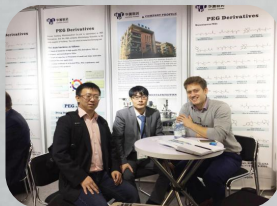


International Expo |

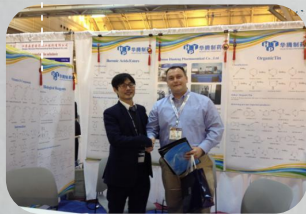
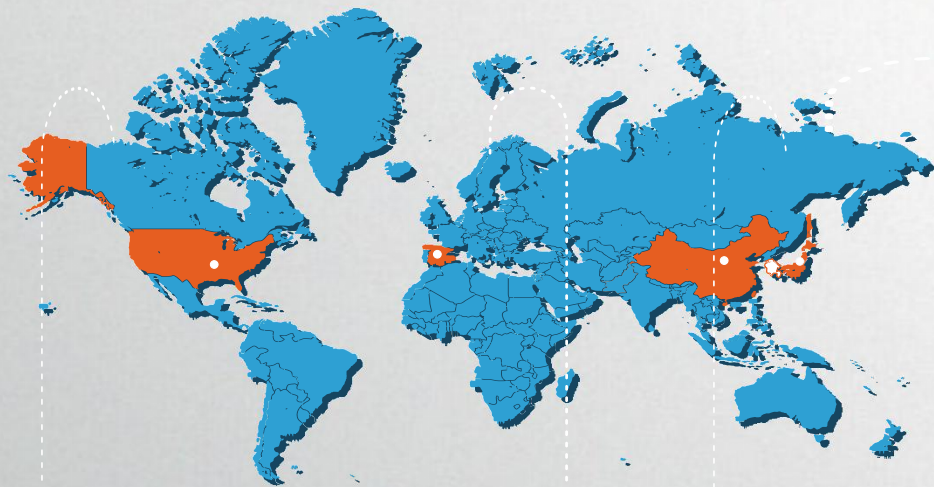
Huateng attend worldwide exhibitions every year, establishing contacts with more than 1,000 customers.



ACS Congress, Santiago, USA



CPHI Germany



Informex fair,
New Orleans, USA



CPHI Spain



CPHI Shanghai



CPHI Japan



CPHI Korea

International Cooperation

The company has extensive cooperation with research institutes such as Harvard University, Houston University, and New York State University, and negotiated the establishment of a joint R&D center.





Cooperated Universities |



University of Victoria



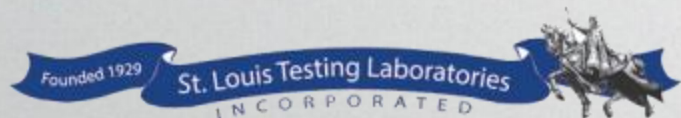
UNIVERSITY OF GHANA

Berkeley
UNIVERSITY OF CALIFORNIA

PENNSTATE HERSCHEY
College of Medicine



Cooperated enterprises |





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Thank You!

