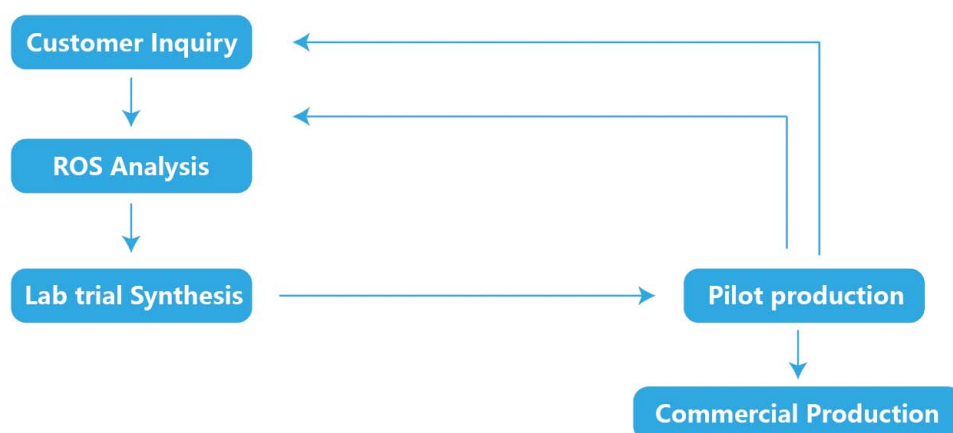
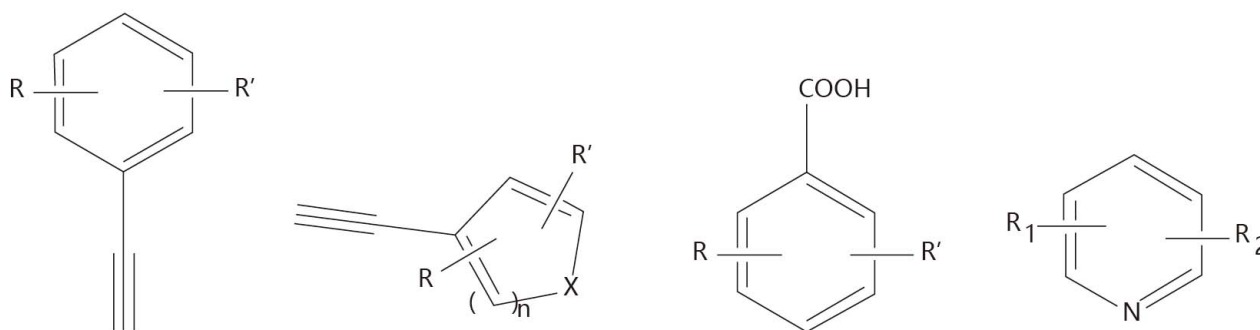


Research & Development



Advantage Chemical Structure:



n:1,2 X: O,SN ; R,R' :-X-Ali,-Ali, -Ar -CF₃

We continually improve our facilities, upgrade equipment and develop & refine novel techniques toward optimal quality and cost efficiency.

Multiple reactor sizes ranging from 50 to 2000 L

Agitated pressure filters, centrifuges and notches

acid and alkaline resistant equipment

Temperature ranging from – 80° C to 250° C

Pressure ranging from 2mbar to 40 bar

Finish product handling/ drying in controlled areas

Quality assurance through the systematically analytic process is the key to our success. In-process and final quality control are performed under the following devices:

Certification of analytical reference standards via full chemical analysis

NMR Analysis

Mass Spectrometry Analysis

IR Analysis

GC/MS, HPLC/MS/MS

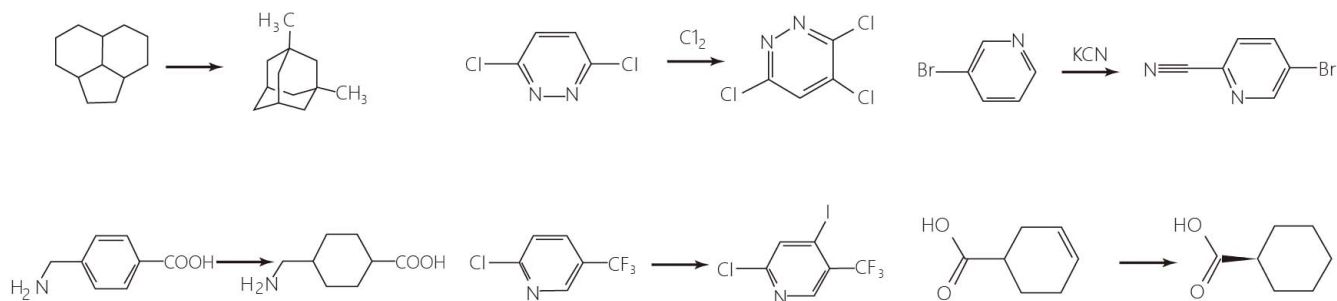
Custom Synthesis & manufacturing

Our state-of-the-art and technology enable delivery a full custom synthesis and manufacturing service in a growing number of markets. The available business model include:

- Molecular inquiries: ROS development, chemical process optimization and molecular synthesis.
- Custom synthesis: Process optimization and scale up.
- Toll manufacturing: Process optimization and manufacture in plant facility.
- Contracted process development for customers is available on request.



Our Technology



Confidentiality Agreement

We protect our customer's confidentiality information by strict control over the use of manufacturing processes. All of our employees are required to execute confidentiality and non-disclosed agreement with the company, For each project, access to propriety data is limited authorized personnel to prevent unintended disclosure.

Synthesis Molecule

名称	CAS	结构式
3,4,6-三氯吡嗪 3,4,6-Trichloropyridazine	6082-66-2	
2-氯-4-碘-5-(三氟甲基)吡啶 2-Chloro-4-iodo-5-(trifluoromethyl)pyridine	505084-55-9	
2,4-二溴吡啶 2,4-Dibromopyridine	58530-53-3	
3-氨基异烟酸甲酯 3-Amino-isonicotinic acid methyl ester	55279-30-6	
3-氨基吡啶-2-甲酸 3-Amino-2-pyridinecarboxylic acid	1462-86-8	
5-溴-2-氰基-3-硝基吡啶 5-Bromo-3-nitropyridine-2-carbonitrile	573675-25-9	
4-(3-甲氧基-4-硝基苯基)吗啉 4-(3-Methoxy-4-nitrophenyl)morpholine	6950-88-5	
2-吲哚甲酸 Indole-2-carboxylic acid	1477-50-5	
D-苯甘氨酸 D-Phenylglycinol	56613-80-0	
L-缬氨酸 (S)-(+)-2-Amino-3-methyl-1-butano	2026-48-4	

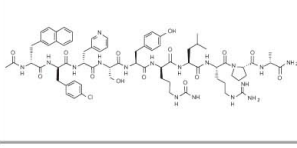
Synthesis Molecule

名称	CAS	结构式
2,5-二氟-4-硝基苯甲酸 2,5-Difluoro-4-nitrobenzoic acid	116465-48-6	
2,5-二(三氟甲基)苯胺 2,5-Bis(trifluoromethyl)aniline	328-93-8	
5-溴-2-氟苯胺 5-Bromo-2-Fluoroaniline	2924-09-6	
丙炔酸 Propiolic acid	471-25-0	
丁炔二酸二甲酯 Dimethyl acetylenedicarboxylate	762-42-5	
苯丙炔酸 Phenylpropionic acid	637-44-5	
1,4-二乙炔基苯 1,4-Diethynylbenzene	935-14-8	
1,3,5-三乙炔基苯 1,3,5-Triethynylbenzene	7567-63-7	
2-萘乙炔 2-Ethynyl-Naphthalene	2949-26-0	
二巯丙醇 2,3-Dimercapto-1-propanol	59-52-9	

API Intermediates

名称	CAS	结构式
2,3-二甲基溴苯 2,3-Dimethylbromobenzene	6082-66-2	
3-环己烯-1-甲酸 3-Cyclohexenecarboxylic acid	505084-55-9	
R-3-环己烯-1-甲酸 (R)-(+)-3-Cyclohexenecarboxylic acid	58530-53-3	
S-3-环己烯-1-甲酸 (S)-(-)-3-Cyclohexenecarboxylic acid	55279-30-6	
1-溴-3,5-二甲基金刚烷 1-Bromo-3,5-dimethyladamantane	1462-86-8	
1,3-二甲基金刚烷 1,3-Dimethyladamantane	573675-25-9	
4-氧代-1,4-二氢喹啉-3-羧酸 4-Oxo-1,4-Dihydroquinoline-3-Carboxylic acid	6950-88-5	
1,2,6,7-四氢-8H-茚并[5,4-b]呋喃-8-酮 1,2,6,7-Tetrahydro-8H-indeno[5,4-b]furan-8-one	1477-50-5	
东莨菪醇 Scopine	56613-80-0	
1-(3-乙基-4-羟甲基)苯乙酮 1-(3-ethyl-4-hydroxymethylphenyl)ethanone	1378888-43-7	

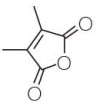
API Intermediates

名称	CAS	结构式
阿尼芬净前体 1-[(4R,5R)-4,5-Dihydroxy-L-ornithine]echinocandin Echinocandin B0 HCl	1029890-89-8	
米卡芬净中间体 Pneumocandin A0 (FR 179642)	168110-44-9	
阿尼芬净 Anidulafungin	166663-25-8	
米卡芬净 Micafungin	235114-32-6	
地加瑞克 DEGARELIX	214766-78-6	
西曲瑞克 Cetrorelix acetate	120287-85-6	
米哌妥林 Midostaurin	120685-11-2	
阿米舒必利 AMISULPRIDE	71675-85-9	
曲美布汀 3,4,5-Trimethoxybenzoic acid 2-(dimethylamino)- Trimebutine-Trimebutine ester	39133-31-8	
氟尼酸 Niflumic acid	4394-00-7	

Special Fine Chemicals

名称	CAS	结构式
N,N-二甲氨基硫代甲酰氯 Dimethylthiocarbamoyl chloride	16420-13-6	
4-丙烯酰氧基二苯甲酮 2-Propenoic acid,4-benzoylphenyl ester	22535-49-5	
4-氨基苯乙酮 4-Aminoacetophenone	99-92-3	
2,2-二甲氧基丙烷 2,2-Dimethoxypropane	77-76-9	
3-氰基苯甲酸 3-Cyanobenzoic acid	1877-72-1	
3-氰基苯甲酸甲酯 Methyl 3-cyanobenzoate	13531-48-1	
4-氰基苯甲酸 4-Cyanobenzoic acid	619-65-8	
偶氮二异丁腈 2,2'-Azobis(2-methylpropionitrile)	78-67-1	
偶氮二异丁脒盐酸盐 2,2'-Azobis(2-methylpropionamidine) dihydrochloride	2997-92-4	
三氧化硫吡啶 Pyridine sulfur trioxide	26412-87-3	

Special Fine Chemicals

名称	CAS	结构式
氨基乙腈盐酸盐 Aminoacetonitrile hydrochloride	6011-14-9	
三氟丙酮酸乙酯 Ethyl trifluoropyruvate	13081-18-0	
五氟丙酸 Perfluoropropionic acid	422-64-0	
五氟丙酸酐 Perfluoropropionic acid	356-42-3	
2,3-二甲基马来酸酐 2,3-Dimethylmaleic anhydride	766-39-2	
3-溴丙炔 3-Bromopropyne	106-96-7	
邻二溴苯 1,2-Dibromobenzene	583-53-9	
对环己基苯酚 4-Cyclohexylphenol	1131-60-8	
二(对硝基苯)碳酸酯 Bis(4-nitrophenyl)carbonate	5070-13-3	
N,N'-(4-甲基-1,3-亚苯基)二(1-吡咯烷甲酰胺) N,N'-(4-Methyl-1,3-phenylene)bis(1-pyrrolidinecarboxamide)	60006-11-3	