

Intermediates of penicillin & cephalosporins

Product Name	CAS Number	Usage
D(-)Phenylglycine Dane salt	961-69-3	Ampicillin, Cephalexin, Cefaclor
PHPG DS D(-)Para-Hydroxyl Phenylglycine Dane salt	69416-61-1	Amoxicillin, Cefadroxil
HPG D(-)-4-Hydroxyphenylglycine	22818-40-2	PHPG DS, PHPG ME
HPGMe Methyl D(-)-4-hydroxy-phenylglycinate	37763-23-8	Enzymatic Amoxicillin, Cefadroxil
MAEM (Z)-S-benzo[d]thiazol-2-yl 2-(2-aminothiazol-4-yl)-2-(methoxyimino)ethanethioate	80756-85-0	Ceftriaxone, Cefotaxime, Cefepime, Ceftizoxime, Ceftiofur, Cefodizime, Cefmenoxime
MICA Ester S-2-benzothiazolyl(Z)-2-(2-Aminothiazol-4-yl)2-methoxy-carbonylmethiacetate	246035-38-1	Cefixime
MEAT (Z)-S-benzo[d]thiazol-2-yl 2-(2-aminothiazol-4-yl)-2-(trityloxyimino)ethanethioate	143183-03-3	Cefdinir
T15-AE 2-Mercaptobenzothiazolyl (Z)-2-(2-amino-4-thiazolyl)-2-acetyloxyiminoacetate	104797-47-9	Cefdinir
ATOA (Z)-2-(2-aminothiazol-4-yl)-2-(trityloxyimino)acetic acid	128438-01-7	Cefdinir
GCLE 7-Phenylacetamido-3-chloromethyl-3-cephem-4-carboxylic acid p-methoxybenzyl ester	104146-10-3	Cefixime, Cefdinir, etc
7-AVCA 6R,7R)-7-amino-8-oxo-3-vinyl-5-thia-1-aza-bicyclo[4.2.0]oct-2-ene-2-carboxylic acid	79349-82-9	Cefixime, Cefdinir
TAEM 2-Mercaptobenzothiazolyl-(Z)-2-(2-aminothiazol-4-yl)-2-(tert-butoxycarbonyl)isopropoxyiminoacetate	158183-05-2	Ceftazidime Aztreonam
EHATA (Z)-ethyl 2-(2-aminothiazol-4-yl)-2-(hydroxyimino)acetate	64485-82-1	TAEM T15-AE
ATMA (Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetic acid	65872-41-5	MAEM
EMATA (Z)-ethyl 2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetate	64485-88-7	MAEM
NF-ATMO (Z)-2-(2-formamidothiazol-4-yl)-2-(methoxyimino)acetic acid	65872-43-7	
7-ACCA 7-Amino-3-Chloro-3-Cephem-4-Carboxylic Acid	53994-69-7	Cefaclor
ATDM (S)-2-Benzothiazolyl (Z)-2-(5-amino-1,2,4-thiadiazol-3-yl)-2-methoxyiminothioacetate	89604-91-1	Cefozopran
7-APRA (6R,7R,E)-7-amino-8-oxo-3-(prop-1-enyl)-5-thia-1-aza-bicyclo[4.2.0]oct-2-ene-2-carboxylic acid	120709-09-3	Cefprozil

Intermediates of sartans

Product Name	CAS Number	Usage
OTBN 4'-Methyl-2-Cyanobiphenyl	114772-53-1	Sartans
Br-OTBN 4'-Bromomethyl-2-cyanobiphenyl	114772-54-2	Sartans
2-Butyl-4-spirocyclopentane-2-imidazolin-5-one hydrochloride	151257-01-1	Irbesartan

Amino Acids

Product Name	CAS Number	Usage
L-Serine	56-45-1	Intermediate for pharma Parenteral Nutrition Food additive, Cosmetics
D-Serine	312-84-5	
DL-Serine	302-84-1	
D-Phenylalanine	673-06-3	

Others

Product Name	CAS Number	Usage
D-4-Methylsulfonylphenyl Serine Ethyl Ester	36983-12-7	Florfenicol
4-Hydroxyphenylethyl Methyl Ether	56718-71-9	Metoprolol
3'-Chloropropiophenone	34841-35-5	Bupropion
4-Hydroxyphenylethyl Alcohol	501-94-0	
L-(-)-Camphorsulfonic Acid	35963-20-3	Resolving agent
1-Adamantanol	768-95-6	
1-Adamantanecarboxylic acid	828-51-3	
Shikimic acid	138-59-0	Oseltamivir
O6 (1S,5R,6S)-Ethyl 5-(pentan-3-yl-oxy)-7-oxa-bicyclo[4.1.0]hept-3-ene-3-carboxylate	204254-96-6	Oseltamivir
S-ABA L-2-Aminobutanamide hydrochloride	7682-20-4	Levetiracetam