

Intermediate Product List

	Product	CAS. NO	End use
1	10-Deacetylbaaccatin III 【10-DAB III】		
2	(2R,3S) Methyl 3-N-benzoyl-O-(2-ethoxyethyl)-3-phenylisoserinate	32981-86-5	Paclitaxel
3	(3R,4S)-1-benzoyl-3-(2-ethoxyethoxy) -4-phenyl-2-azetidinone	201856-53-3	Paclitaxel
4	(3R, 4S)-1-benzoyl-3-triethylsilyloxy -4-phenyl-2-azetidinone	149249-91-2	Paclitaxel
5	(3R,4S)-1-benzoyl-3-acetoxy -4-phenyl-2-azetidinone	146924-93-8	Paclitaxel
6	(4S,5R)-3-(N-benzoyl)-2-paramethoxyphenyl- 4-phenyl-oxazolidine-5-carboxylic acid	949023-16-9	Paclitaxel
7	(4S,5R)-3-(N-benzoyl)-2,2-dimethyl-4-phenyloxazolidine -5-carboxylic acid	153652-70-1	Paclitaxel
8	(4S,5R) Menthyl 3-benzoyl-2-methoxy-4-phenyloxazolidine-5-carboxylate		Paclitaxel
9	(4S,5R) Ethyl 3-benzoyl-2-methoxy-4-phenyloxazolidine-5-carboxylate		Paclitaxel
10	Paclitaxel N-1 Stage: 7-Troc-Paclitaxel		Paclitaxel
11	10-DEACETYLBACCATIN III	32981-86-5	Paclitaxel
12	BACCATIN III	27548-93-2	Paclitaxel
13	(2R,3S)-3-Phenylisoserine Hydrochloride	132201-32-2	Side chain for Paclitaxel and Docetaxel
14	Ethyl (2R,3S)-3-Phenylisoserine Ester		Side chain for Paclitaxel and Docetaxel
15	(2R,3S)-N-benzoyl-3-Phenylisoserine Methyl Ester	32981-85-4	Side chain for Paclitaxel and Docetaxel
16	(2R,3S)-N-benzoyl-3-Phenylisoserine Ethyl Ester		Side chain for Paclitaxel and Docetaxel
17	(2R,3S)-N-tert-butoxycarbonyl-3-Phenylisoserine Methyl Ester	124605-42-1	Side chain for Paclitaxel and Docetaxel
18	(2R,3S)-N-tert-butoxycarbonyl-3-Phenylisoserine Ethyl Ester		Side chain for Paclitaxel and Docetaxel
19	(2R,3S)-2-acetoxy-3-N-bis(tert-butoxycarbonyl)-3-phenylpropionic acid		Side chain for Paclitaxel and Docetaxel
20	(3R,4S)-3-(1-ethoxyethoxy)-4-phenyl -2-azetidinone	201856-48-6	Side chain for Paclitaxel and Docetaxel
21	(2R,3S) Methyl 3-N-benzoyloxycarbonyl-2-hydroxy-3-Phenylisoserinate		Side chain for Paclitaxel and Docetaxel
22	(3R,4S)-3-hydroxy-4-phenyl -2-azetidinone	132127-34-5	Side chain for Paclitaxel and Docetaxel
23	(2R,3S)-2-acetoxy-3-(bis(tert-butoxycarbonyl)amino)-3-phenylpropionic acid		Docetaxel Side chain
24	Methyl (2R,3S)-N-Boc-3-Phenylisoserine	124605-42-1	Docetaxel Side chain
25	Fludarabine Base	21679-14-1	Fludarabine phosphate inter.
26	CHLOROPLATINIC ACID	18479-13-7	Anticancer Platinum series products
27	POTASSIUM TETRACHLOROPLATINATE(II)/K2PtCl4	10025-99-7	Anticancer Platinum series products
28	1,1-cyclobutanedicarboxylic	5445-51-2	Anticancer Platinum series products
29	(1R,2R)-(-)-1,2-diaminocyclohexane acid	20439-47-8	Anticancer Platinum series products
30	CIS-DIIODIDEDIAMMINEPLATINUM(II)/cis-Pt(NH3)2I2	15978-93-5	Carboplatin , Cisplatin
31	DiiODIDE[(1R,2R)-cyclohexane-1,2-diamin]platinum(II)/Pt(C6H14N2)I2	-	Oxaliplatin
32	cis-dichloro[(1R,2R)-cyclohexane-1,2-diamine]platinum(II)	-	Oxaliplatin
33	(2R,3S) Methyl 3-N-tert-butoxycarbonyl -O-(1-ethoxyethyl)-3-phenylisoserinate		Docetaxel Anhydrous
34	(3R,4S)-1-t-butoxycarbonyl-3-(2-ethoxyethoxy) -4-phenyl-2-azetidinone	201856-57-7	Docetaxel Anhydrous
35	(3R,4S)-1-t-butoxycarbonyl-3-triethylsilyloxy -4-phenyl-2-azetidinone	149198-47-0	Docetaxel Anhydrous
36	(3R,4S)-1-t-butoxycarbonyl-3-acetoxy -4-phenyl-2-azetidinone	161183-22-8	Docetaxel Anhydrous
37	(4S,5R)-3-(N-tert-butoxycarbonyl) -2,2-dimethyl-4-phenyloxazolidine-5-carboxylic acid	143527-70-2	Docetaxel Anhydrous
38	(4S,5R)-3-(N-BOC)-2-paramethoxyphenyl-4-phenyl -oxazolidine-5-carboxylic acid	196404-55-4	Docetaxel Anhydrous
39	N-1 Stage for docetaxel: 7,10-di-Troc-Docetaxel	114915-14-9	Docetaxel Anhydrous
40	13-ACETY1-9-DIHYDROBACCATIN III	1442203-65-4	Irinotecan,Topotecan
41	CAMPOTHECIN	2114454	Irinotecan,Topotecan
42	SN-38(7-ETHYL-10-HYDROXYCAMPOTHECIN	86639-52-3	Irinotecan,Topotecan
43	7-ETHYLCAMPOTHECIN	78287-27-1	Irinotecan,Topotecan
44	10-HYDROXYCAMPOTHECIN	67656-30-8	Irinotecan,Topotecan
45	PODOPHYLLOTOXIN	518-28-5	Irinotecan,Topotecan
46	4'-DEMETHYL-EPI-PODOPHYLLOTOXIN	6559-91-7	Irinotecan,Topotecan
47	4'-DICHLOROACETYL-4-DEMETHYL-EPI-PODOPHYLLOTOXIN		Irinotecan,Topotecan
48	2-Deoxy-2,2-difluoro-D-erythro-pentofuranose-3,5-dibenzoate-1-methanesulfonate	122111-11-9	Irinotecan
49	4-Piperidinopiperidine	4897-50-1	Irinotecan
50	1-Chlorocarbonyl-4-piperidinopiperidine hydrochloride	143254-82-4	Irinotecan
51	SN-38 (7-Ethyl-10-hydroxycampothecin)	86639-52-3	Irinotecan HCl
52	10-Hydroxycampothecin	67656-30-8	Irinotecan HCl
53	7-Ethylcampothecin	78287-27-1	Irinotecan HCl
54	4'-Demethyl-epi- Podophyllotoxin	6559-91-7	Etoposide
55	2,3-di-O-chloroacetyl-4,6-O-ethylidene-β-D-glucopyranose(Side chain of Etoposide)		Etoposide
56	(R)-BoroLeu-(+)-Pinanediol-CF3CO2H	179324-87-9	Bortezomib
57	5-aminolevulinic acid HCl	5451-09-2	raw material for skin cancer, or cosmetic, or pesticides
58	N-(5-Amino-2-methylphenyl)-4-(3-pyridyl)-2-pyrimidineamine	152460-10-1	Imatinib
59	4-[(4-Methylpiperazin-1-yl)methyl]benzoic acid dihydrochloride	106261-49-8	Imatinib
60	6,7-Bis-(2-methoxyethoxy)-4(3H)-quinazolinone	179688-29-0	Erlotinib
61	androstenedione	63-05-8	Steroids
62	9α-hydroxy AD	560-62-3	Steroids
63	11α-hydroxy AD	564-33-0	Steroids
64	17α-Hydroxyprogesterone	68-96-2	Steroids
65	Dehydroepiandrosterone(DHEA)	25824-80-0	Steroids
66	DB11	981-34-0	Betamethasone
67	16α-Hydroxyprednisolone	13951-70-7	Budesonide
68	11α-hydroxy-18-methyl-estra-4-ene-dione	53067-82-6	Desogestrel
69	13-ethyl-17-hydroxy-11-methylene-gon-4-en-3-one	220332-82-1	Desogestrel
70	13-ethyl-11-methylene-gon-4-en-17-one	54024-21-4	Desogestrel
71	(9b,11b,16a)-9,11-Epoxy-17,21-dihydroxy-16-methyl-pregna-1,4-diene-3,20-dione (8DM)	24916-90-3	Dexamethasone
72	3,7,15-Trihydroxy-androst-5-en-17-one	2963-69-1	Drospirenone
73	(3β,5β,15a,16a)-15,16-Dihydro-3,5-dihydroxy-3H-cycloprop[15,16]androsta-6,15-dien-17-one	82543-15-5	Drospirenone
74	3b,5-Dihydroxy-6b,7b,15b,16b-dimethylene-5b-androstan-17-one	82543-16-6	Drospirenone
75	Lumisterol	474-69-1	Dydrogesterone
76	Retroprogesterone	2781-78-4	Dydrogesterone
77	11α-hydroxy canrenone	192569-17-8	Eplerenone
78	(7a,17a)-17-Hydroxy-3-oxo-pregna-4,9(11)-diene-7,21-dicarboxylic acid g-lactone methyl ester	95716-70-4	Eplerenone
79	3,3-ethylene-13-ethyl-11-methylene-gon-5-en-17-one	54048-10-17	Etonogestrel
80	13-ethyl-11-methylene-gon-4-ene-3, 17-dione	54024-17-8	Etonogestrel
81	6-Methylene-androst-4-ene-3,7-dione	19457-55-7	Exemestane
82	15α - hydroxy-18-methyl-estra-4-ene-3,17-dione	60919-46-2	Gestodene
83	Methoxydienone	2322-77-2	Levonorgestrel
84	D-Ethylgonendione	21800-83-9	Levonorgestrel
85	(2b,3a,5a,16b,17b)-2-(4-morpholinyl)-16-(1-pyrrolidinyl)androstane-3,17-diol	119302-20-4	Rocuronium Bromide
86	(2b,3a,5a,16b,17b)-17-acetoxy-3-hydroxy-2-(4-morpholinyl)-16-(1-pyrrolidinyl)androstane	119302-24-8	Rocuronium Bromide
87	(4R,Cis)-1,1-dimethylethyl-cyanomethyl-2,2-dimethyl-1,3-dioxane-4-acetate (ATS-8)	125971-94-0	Atorvastatin

88	Echinocandin B	79411-15-7	Anidulafungin
89	Pneumocandin B0	135575-42-7	Caspofungin
90	D-(+)-Methyl-alpha-(2-thienylethamino)(2-chlorophenyl)acetate hydrochloride	141109-19-5	Clopidogrel
91	Epothilone B	152044-54-7	Ixabepilone
92	Micafungin Nucleus (FR901379)		Micafungin
93	Dihydroxyacetone (DHA)	96-26-4	Chemical, etc
94	(S)-3,4-Dihydro-4-hydroxy-2-(3-methoxypropyl)-2H-thieno[3,2-e]-1,2-thiazine-6-sulfonamide 1,1-dioxide	154127-42-1	Brinzolamide
95	N-[(2S)-2-(aminosulfonyl)-5,6-dihydro-6-methyl-7,7-dioxido-4H-thieno[2,3-b]thiopyran-4-yl]-, (4S-trans)	147200-03-1	Dorzolamide
96	(4S,6S)-4H-Thieno[2,3-b]-thiopyran-4-ol-5,6-dihydro-6-methyl-7,7-dioxide	147128-77-6	Dorzolamide
97	(R)-(-)-3-carbamoylmethyl-5-methylhexanoic acid	181289-33-8	Pregabalin
98	(S,S)-2,8-Diazabicyclo[4,3,0]nonane	151213-42-2	Moxifloxacin
99	S-2-amino butyramide HC	7682-20-4	Levetiracetam
100	Lysergic Acid	82-58-6	Nicergoline, Carbergoline
101	Dihydrolysergic Acid	5878-43-3	Nicergoline, Carbergoline
102	6-Allyl-8-beta-ergolin-carboxylic Acid	81409-74-7	Nicergoline, Carbergoline
103	(5R-cis)-Toluene-4-sulfonic acid 5-(2,4-difluorophenyl)-5-(1H-1,2,4-triazol-1-yl)methyltetrahydrofuran-3-ylmethyl ester	149809-43-8	Posaconazole
104	2-[(1S,2S)-1-Ethyl-2-bezyloxypropyl]-2,4-dihydro-4-[4-(4-hydroxyphenyl)-1-piperazinyl]phenyl]-3H-1,2,4-triazol-3-one	184177-83-1	Posaconazole
105	tert-Butyl 6-[(1E)-2-[4-(4-fluorophenyl)-6-(1-methylethyl)-2-[methyl(methylsulfonyl)amino]-5-pyrimidinyl]ethenyl]-2,2-dimethyl-1,3-dioxane-4-acetate	289042-12-2	Rosuvastatin
106	tert-Butyl (6E)-7-[4-(4-fluorophenyl)-6-isopropyl-2-[methyl(methylsulfonyl)amino]pyrimidin-5-yl]-[3R,5S]-3,5-dihydroxyhept-6-enoate	355806-00-7	Rosuvastatin
107	2-(2,4,5-trifluorophenyl)acetic acid	209995-38-0	Sitagliptin
108	3-(Trifluoromethyl)-5,6,7,8-tetrahydro-[1,2,4]triazolo[4,3-a]pyrazine hydrochloride	486460-21-3	Sitagliptin
109	Methyl 2,2-dithienylglycolate	26447-85-8	Tiotropium Bromide
110	Scopine-2,2-dithienyl glycolate	136310-64-0	Tiotropium Bromide
111	3-Amino-1-hydroxyadamantane	702-82-9	Vildagliptin
112	(S)-1-(2-chloroacetyl)pyrrolidine-2-carboxamide	214398-99-9	Vildagliptin
113	1,2,3-triacetyl-5-deoxy-beta-D-Ribose	62211-93-2	Capecitabine
114	2',3'-Di-O-acetyl-5'-deoxy-5-fuluro-D-cytidine	161599-46-8	Capecitabine
115	4-[2-(2-amino-4,7-dihydro-4-oxo-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzoic acid	137281-39-1	Pemetrexed Disodium
116	N-[4-[2-(2-amino-4,7-dihydro-4-oxo-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzoyl]-L-Glutamic acid	137281-23-3	Pemetrexed Disodium
117	N-[3-Chloro-4-(3-fluorobenzyloxy) phenyl]-6-iodoquinazolin-4-amine	231278-20-9	Lapatinib
118	5-[4-[(3-Chloro-4-(3-fluorobenzyl) oxy)phenyl]amino]quinazolin-6-yl]-2-furaldehyde	231278-84-5	Lapatinib
119	3,3-Dimethyl-1-Butyne	917-92-0	Terbinafine HCL
120	N-methyl-1-naphthalenemethylamine	14489-75-9	Terbinafine HCL
121	1-chloro-6,6-dimethyl-2-heptyene-4-alkyne *	126764-17-8	Terbinafine HCL
122	Diethyl 1,3-acetonedicarboxylate	105-50-0	Strontium ranelate
123	5-amino-4-cyano-3-(2-ethoxy-2-oxoethyl)thiophene-2-carboxylate *	58168-20-0	Strontium ranelate
124	Tetraethyl ranelate	58194-26-6	Strontium ranelate
125	Cis-hexahydroisindoline	21850-12-4	Mitiglinide calcium
126	Cis-Octahydro-isindole Hcl	161829-92-1	Mitiglinide calcium
127	(S)-2-Benzylsuccinic acid	3972-36-9	Mitiglinide calcium
128	(S)-N-(2',6'-dimethylphenyl)-piperidine-2- carboxylic amide	27262-40-4	Ropivacaine
129	N-(2',6'-dimethylphenyl)-piperidine-2- carboxylic amide	15883-20-2	Ropivacaine
130	2-BenzylAcrylicAcid	5669-19-2	Racecadotril
131	Ester p-toluenesulfonate salt	1738-76-7	Racecadotril
132	6-Hydroxy-3,4-dihydro-2-quinolinone	54197-66-9	Cilostazol
133	3,4-Dihydro-7-Hydroxycarbostyryl	22246-18-0	Aripiprazole
134	2-Bromo-2-(2-fluorophenyl)-1-cyclopropylethanone	204205-33-4	Prasugrel
135	1-Cyclopropyl-2-fluorobenzyl ketone	150322-73-9	Prasugrel
136	2-bromo-2-(2-fluorophenyl)-1-cyclopropylethanone	204205-33-4	Prasugrel
137	4,5,6,7-Tetrahydrothieno[3,2,c]pyridine hydrochloride	28783-41-7	Prasugrel
138	5,6,7,7a-Tetrahydro-5-(triphenylmethyl)thieno[3,2-c]pyridinone	109904-26-9	Prasugrel
139	5,6,7,7a-Tetrahydrothieno[3,2-c]pyridine-2(4H)-one hydrochloride	115473-15-9	Prasugrel
140	5,6,7,7a-Tetrahydrothieno[3,2-c]pyridine-2(4H)-one tosylate	952340-39-5	Prasugrel
141	5-[2-Cyclopropyl-1-(2-fluorophenyl)-2-oxoethyl]-5,6,7,7a-tetrahydrothieno[3,2-c]pyridin-2(4H)-one	150322-38-6	Prasugrel
142	3-Pyridylboronic acid	1692-25-7	Prasugrel, Abiraterone acetate
143	1-choeroethyl acetate	5912-58-3	Prasugrel, Abiraterone acetate
144	Cyclopropanecarbonitrile	5500-21-0	Prasugrel, Abiraterone acetate
145	Trifluoromethanesulfonic anhydride	358-23-6	Prasugrel, Abiraterone acetate
146	(S)-4-(3-chloro-4-methoxybenzylamino)-5-carboxy-2-(2-hydroxymethyl-1-pyrrolidinyl)pyrimidine	330785-84-7	Avanafil
147	4-(3-chloro-4-methoxybenzylamino)-5-ethoxycarbonyl-2-methylsulfinylpyrimidine	330785-82-5	Avanafil
148	ethyl 4-hydroxy-2-methylthio-pyrimidine-5-carboxylate	53554-29-3	Avanafil
149	4-chloro-2-methanesulfanyl-pyrimidine-5-carboxylic acid ethyl ester	5909-24-0	Avanafil
150	4-(3-Chloro-4-methoxy-benzylamino)-2-methylsulfonyl-pyrimidine-5-carboxylic acid ethyl ester	330785-81-4	Avanafil
151	3-chloro-4-methoxy-benzylamine	115514-77-7	Avanafil
152	pyrimidin-2-ylmethanamine	75985-45-4	Avanafil
153	L-(+)-Prolinol (S)-(+)-2-Pyrrolidinemethanol	23356-96-9	Avanafil
154	Dimethyl 2-(2-methoxyphenoxy)malonate	150726-89-9	Bosentan
155	5-(2-Methoxyphenoxy)-[2,2'-bipyrimidine]-4,6(1H,5H)-dione	150728-12-4	Bosentan
156	4,6-Dichloro-5-(2-methoxyphenoxy)-2,2'-bipyrimidine	150728-13-5	Bosentan
157	4-tert-Butyl-N-(6-chloro-5-(2-methoxyphenoxy)-2,2'-bipyrimidin-4-yl)benzenesulfonamide	150727-06-3	Bosentan
158	4-tert-Butylbenzenesulfonamide	6292-59-7	Bosentan
159	2-Cyanopyrimidine	14080-23-0	Bosentan
160	Dimethyl chloromalonate	28868-76-0	Bosentan
161	Diethyl chloromalonate	14064-10-9	Bosentan
162	methyl 5-bromo-3-propionylsalicylate	91099-82-0	Flavoxate hydrochloride
163	methyl 6-bromo-3-methylflavone-8-carboxylate	91849-09-1	Flavoxate hydrochloride
164	3-Methylflavone-8-carboxylic acid	3468-01-7	Flavoxate hydrochloride

Note: Product protected by valid patents are not offered for sale in countries where the sale of such products constitutes a patent infringement. Also the onus of patent applicability shall remain with importer.

Responsibility with respect to third parties patent rights in a specific country lies exclusively with the user.