

About Snap Intermediates:

Snap Intermediates is manufacturer, Contract Manufacturer of Bulk drugs (API- Active Pharma Ingredients) intermediates & Pharma intermediates. With an Industrial experience of 30 years, we are amongst the most preferred names offering various organic and inorganic intermediates for bulk drugs & pharma Industries. We are also engaged in contract manufacturing. Our scientist offers their valuable inputs for the intermediates to the manufacturer as per the requirement of our esteemed clients. Owing to the dedicated approach of our experienced team, we have successfully garnered vast clientele across India and world's Countries.

Our Vision:

Our quality conscious approach has enabled us to achieve complete client satisfaction through our array of organic and in-organic intermediates. We believe in bringing long lasting values to our customers, which has enabled us to partner with esteemed clients across India, other Asia countries and Europe Countries. Catering to the requirements of our clients in the best possible manner, has been fruitful in getting respective orders from existing ones across the pharmaceutical industry. Our ability to tailor-made the intermediates from reputed manufacturers, as required by our clients has further added an advantage to our portfolio.

Our Strengths:

Our adherence to ethical business practices have resulted in strong bonding with our clients across India, other Asia countries and Europe Countries. We are a preferred business partner, due to the following reasons:

1. Industrial experience of 30 years
2. Quality array of organic and in-organic intermediates
3. Procurement from established manufacturers operating in the industry
4. Stringent quality checks practiced at all levels
5. Highly proficient team members
6. Commitment to maximum client satisfaction
7. Efficient sales and marketing team
8. Capacious warehouse
9. Wide distribution network
10. Timely delivery

No.	Products	Cas No.	End Users
PLANT - 1			
1	Magnesium Metal turnings	7439-95-4	Grignard Reagents
2	Phthaloyl Amlodipine	88150-62-3	Amlodipine
3	3-Sulfamoyl-4-Chlorobenzoic Acid	1205-30-7	Clopidamide, Triamidate & Indapamide
4	2-Amino-3,5-dibromo-benzaldehyde	50910-55-9	Ambroxol
5	(+/-)-3-(Carbonylmethyl)-5-Methyl Hexanoic Acid	181289-15-6	Pregabalin
6	(R)-(-)-3-(Carbamoyl Methyl)-5-Methyl Hexanoic Acid	181289-33-8	Pregabalin
7	4-Pyridine Carboxaldehyde	872-85-5	Donepezil
8	2-((3aR,4S,6R,6aS)-6-amino-2,2-dimethyltetrahydro-3aH cyclopenta[d][1,3]dioxol-4-yl)oxyethanol L-tartaric acid	376608-65-0	Ticagrelor
9	N,N-Bis(2-Chloro Ethyl) Amine HCL	821-48-7	Piperazine Salt
10	Tri Fluoro Acetic Anhydride	407-25-0	Speciality Chemicals
11	Trifluoro methanesulfonic anhydride	358-23-6	Speciality Chemicals
12	1-Ethyl -3-(3-dimethylaminopropyl) -carbodiimide (EDC HCL)	25952-53-8	Zafirlukast
13	N-Methyl-1-naphthalenemethyl amine Base	14489-75-9	Terbinafine
14	N-Methyl-1-naphthalenemethyl amine HCL	65473-13-4	Terbinafine
PLANT - 2			
1	Ethyl-N α Lauroyl-L-Arginate HCl	60372-77-2	Cosmetic additives & preservatives
2	5,6-Dimethoxyindanone	2107-69-9	Donepezil Intermediates
3	3,4-Dihydroxybenzaldehyde	139-85-5	Tadalafil, Roflumilast, Erolotinib, Droxidopa, Piribedil Intermediate
4	5-Methylisoxazole-4-carboxylic acid	42831-50-5	Leflunomide Intermediates
5	N-Octanoylbenzotriazole	58068-80-7	Orlistat Intermediates
6	2-Phenylbutyric acid	90-27-7	Tamoxifen, Butethamate, Pheneturide, Igmesine, Idoxifene Intermediate
7	4-Phenylbutyric acid	1821-12-1	Ramipril & Tetrahydrozoline Intermediate
8	3,4-Dibenzoyloxybenzaldehyde	5447-02-9	Droxidopa Intermediate
9	Tropic acid	552-63-6	Atropine Intermediate
10	Thiosalicylic acid	147-93-3	Salirasib, Flupenthixol, Thimerosal, Quetiapine Intermediate
11	Homoveratric acid	93-40-3	Papavarine, Atracurium Basylate
12	1-Indanone	83-33-0	Indinavir & Rasagiline Intermediate
13	6-Chloro-m-anisidine	2401-24-3	Pilralisib Intermediate
14	6-Chloro-m-anisidine hydrochloride	85006-21-9	Pharmaceutical Intermediates
15	1-Bromo-3,5-Di-Tert-Butylbenzene	22385-77-9	Butacarb Intermediate
16	2-Chloro-5-Nitro Toluene	13290-74-9	Ponazuril, Toltrazuril Intermediate
17	Imidazole-1-acetic acid	22884-10-2	Zoledronic acid
18	Mucic acid	526-99-8	Isometheptene Mucate
19	3-Nitrobenzaldehyde	99-61-6	Starting material for many APIs
20	Furan-2,5-Dicarboxylic Acid	3238-40-2	Polymer
21	Dimethyl 2,5-Furan-dicarboxylate	4282-32-0	Polymer
22	4-Nitropyrazole	2075-46-9	Pharmaceutical Intermediate
23	5-Fluoro-2-Oxindole	56341-41-4	Sunitinib Intermediate
24	5-Chlorobenzotriazole	94-97-3	Used as a plating additive
25	N-(2-Hydroxyethyl) morpholine	622-40-2	Temanogrel, Mycophenolate mofetil, Nimorazole, Morniflumate
26	4-Hydrazinobenzoic acid	619-67-0	Deferasirox Intermeidate
27	7-Chloroquinaldine	4965-33-7	Montelukast Intermediate
28	4-Toluenesulfonylurea	1694-06-0	Gliclazide Intermediate
29	5-Bromo-2-chlorobenzoic acid	21739-92-4	Dapagliflozin Intermediate
30	5-Bromo-2-chloro-4'-ethoxydiphenylmethane	461432-23-5	Dapagliflozin Intermediate
31	5-Amino-2-chlorophenol	6358-06-1	Pharmaceutical Intermediate
32	2-Cyclohexen-1-one	930-68-7	Carprofen Intermediate
33	4-Chlorophenylhydrazine HCl	1073-70-7	Carprofen Intermediate
34	2-(4-Nitrophenyl)butyric acid	7463-53-8	Pharmaceutical Intermediate
35	(S)-Glycidylphthalimide	161596-47-0	Rivaroxaban Intermediate
36	5-Chlorothiophene-2-carboxylic acid	24065-33-6	Rivaroxaban Intermediate
37	4-(4-Aminophenyl)morpholin-3-one	438056-69-0	Rivaroxaban Intermediate
38	3-(Trichloroethenyl) benzenamine hydrochloride	81972-27-2	Clorsulon Intermediate
39	3-Nitropyrazole	26621-44-3	Intermediate
40	4-Bromopyrazole	2075-45-8	Raw material for many Anticancer drugs
41	Methyl isobutyryl acetate	42558-54-3	Rosuvastatin Intermediate

No.	Products	Cas No.	End Users
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PLANT - 3

1	4-Chlorobenzhydryl Amine Free Base	150700-52-0	Levocetirizine
2	Benzhydryl Amine Free Base	91-00-9	Azelinidipine and for Peptide Synthesis
3	Phthalide	87-41-2	Pharma and Agro Intermediates
4	Dibenzo[b,f][1,4]thiazepin-11(10H)-one	.3159-07-7	Quetiapine Fumarate
5	4-Nitrobenzaldehyde	555-16-8	Acenocumarol and fine chemicals
6	4-Nitrobenzene Sulfonyl Chloride	98-74-8	Darunavir/Benzepiril/ Cilazepiril
7	3-Nitrobenzene Sulfonyl Chloride	121-51-7	Drug Intermediate
8	2-Nitrobenzene Sulfonyl Chloride	1694-92-4	Drug Intermediate
9	2-Chlorophenyl Glycine Methyl Ester HCl	141109-15-1	Clopidogrel

PLANT - 4

1	P- Chloro Benzhydryl Piperazine	303-26-4	Cetirizine/Hydroxyzine/Buclizine/Mecizine
2	P-Chloro Benzophenone	134-85-0	Levocetirizine/Cetirizine/Hydroxyzine/Buclizine/ Mecizine/Clamestine/Chlorophenoxamine
3	P- Bromo Phenol	106-41-2	Adapalene & Custom Synthesis
4	(R)1-[1-(4-chloro phenyl)phenylmethyl] piperazine	130018-88-1	Levocetirizine
5	P- Chloro Benzhydryl amine	150700-52-0	Levocetirizine
6	P- Chloro Benzhydryl	119-56-2	Cetirizine/Hydroxyzine/Buclizine/Mecizine
7	P- Chloro Benzhydryl Chloride	134-83-8	Cetirizine/Hydroxyzine/Buclizine/Mecizine
8	4-chloro 4-Hydroxy Benzophenone	42019-78-3	Fenofibrate
9	Benzhydryl Piperazine	841-77-0	Cyclazine/cinarizine
10	4,4-Difluoro Benzhydryl Piperazine	27469-60-9	Flunarizine
11	Tert- Butyl chloro acetate	107-59-5	Aceclophenec
12	1-(3-Chlorophenyl)piperazine	6640-24-0	Trazadone
13	4-Hydroxy Benzophenone	1137-42-4	Temoxifen/Clomiphen
14	2,4Difluoro-2-(1H-1,2,4-Triazole-1-yl)Acetophenone	86404-63-9	Fluconazole
15	2-Methyl Benzhydryl chloride	41870-52-4	Orphenadrine
16	N,N-Bis(2-Chloro ethyl) 4-methyl benzene sulfonamide	42137-88-2	Levo cetirizine
17	2-Chloro Benzophenone	516-03-8	Clophedianol/Chlorobenzoxamine
18	Benzophenone	119-61-9	Fragrance & Soap,Perfumes
19	Benzhydryl	91-01-0	Modalafil,Cinnarizine
20	Benzhydryl piperazine	841-77-0	Cinnarizine
21	Cetirizine base	83881-51-0	Cetirizine di Hcl
22	1[(2-Chloro Phenyl) DiphenylMethyl]-1H-Imidazole Crude	23593-75-1	Clotrimazole

PLANT - 5

1	2-Chloromethyl-3,4-dimethoxypyridine HCl	72830-09-2	Pantoprazole
2	5-Difluoromethoxy-2-mercapto-1-H-benzimidazole	97963-62-7	Pantoprazole
3	5-(Difluoro methoxy)-2-[(3,4 dimethoxypyridin-2- yl) methyl]thio }-1 H- benzimidazole (Panto Sulfide)	102625-64-9	Pantoprazole
4	2-Hyd roxymethyl-3, 5-d i methyl,4-methoxy pyridine	86604-78-6	Omeprazole/ Esomeprazole
5	4-(4-Chlorophenyl)-4-hydroxy piperidine (PCP)	39512-49-7	Haloperidol/ Loperamide HCl
6	Dihydro-N,N-dimethyl-3,3-diphenyl-2(3H)- furaninium bromide	37743-18-3	Loperamide
7	2-Cyano-3-[2(3-chloro phenyl) ethyl]pyridine (L-5)	31255-57-9	Loratadine
8	8-Chloro-6, 11-dihydro-11-(1-methyl-4- piperidinylidene) -5H-benzo[5,6] cyclohepta [1,2- b]pyridine (N-Methyl Desloratadine)	38092-89-6	Loratadine
9	2-N-Butyl-1,3-diazaspiro(4,4)non-1-en-4-one Hydrochloride (Spiro Compound)	151257-01-1	Irbesartan
10	N-(Tri phenyl methyl)-5-(4' bromomethyl-bi phenyl-2- yl) tetrzole (TTBB)	124750-51-2	Losartan potassium, Irbesartan, Valsartan, Olmesartan medoxomil, Fimasartan Potassium Trihydrate
11	2-Butyl-4-chloro-5-formylimidazole (BCFI)	83857-96-9	Losartan potassium, Eprosartan mesylate
12	2-Butyl-4-chloro-1-[[2'-(1 H-tetrazol-5-yl)][1, 1' - biphenyl] -4-yl]methyl]-1 H-imidazole-5-methanol	114798-26-4	Losartan potassium, Allisartan Isoproxil
13	6-Fluoro-3-hydroxypyrazine-2-carbonitrile dicyclohexylamine	1137606-74-6	Favipiravir
14	1-(3-Chloropropyl)-1,3-dihydro-2H-benzimidazol-2- one	62780-89-6	Domperidone
15	5-Chloro-1-piperidine-4-yl-1,3-dihydro-2H- benzimidazol-2-one	53786-28-0	Domperidone

No.	Products	Cas No.	End Users
16	Dibenzosuberone	1210-35-1	Amitriptyline HCl/ Nortriptyline HCl
17	Dibenzosuberone	2222-33-5	Cyclobenzaprine HCl/ Cyproheptadine HCl
18	(S)-1-(2-Chloroacetyl)pyrrolidine-2-carbonitrile	207557-35-5	Vildagliptin
19	(S)-1-(Chloroacetyl)-2-pyrrolidine carboxamide	214398-99-9	Vildagliptin
20	3-Aminoadamantan-1-ol	702-82-9	Vildagliptin
21	N-(5-Amino-2-methyl phenyl)-4-(3-pyridyl)-2-pyrimidineamine	152460-10-1	Imatinib
22	4-[(4-Methyl piperazin-1-yl)methyl] benzoic acid di hydrochloride	106261-49-8	Imatinib
23	4-[(4-Methylpiperazin-1-yl)methyl]-N-[4-methyl-3-[(4-pyridin-3-yl)pyrimidin-2-yl] amino]phenyl] benzamide (Imatinib base)	152459-95-5	Imatinib
24	3-Acetyl pyridine	350-03-8	Imatinib
25	2-(4-(Cyclopropanecarboyl)Phenyl)-2-Methylpropanoic Acid	162096-54-0	Fexofenadine
26	Methyl 2-(4-(4-chlorobutanoyl)phenyl)-2- methylpropanoate	154477-54-0	Fexofenadine
27	Alpha, alpha-Di phenyl-4-piperidinomethanol	115-46-8	Fexofenadine
28	Methyl 4-[4-[4-hydroxydiphenylmethyl)-1- piperidinyl] 1-oxobutyl]-2,2- dimethyl benzene acetate	154477-55-1	Fexofenadine
29	1-(2,3-Dichlorophenyl)Piperazine Hydrochloride	119532-26-2	Aripiprazole
30	5-Methylnicotinic acid	3222-49-9	Rupatadine
31	3-(Chloromethyl)-5-methyl pyridine hydrochloride	1007089-84-0	Rupatadine
32	3-(Trifluoromethyl)-5,6, 7 ,8-tetrahydro- triazolopyrazine Hydrochloride	762240-92-6	Sitagliptin
33	3-Aminopiperidine-2,6-dione hydrochloride (3AP)	24666-56-6	Lenalidomide
34	2-(Bromomethyl)-3-nitrobenzoic Acid Methyl Ester	98475-07-1	Lenalidomide
35	4-Chloropyrrolo[2,3-d] pyrimidine	3680-69-1	Tofacitinib
36	7,8-Dimethoxy-1,3-dihydro-2H-3-benzazepin-2- one	73942-87-7	Ivabradine
37	7,8-Dimethoxy-1,3,4,5- tetrahydrobenzo[d]azepin-2-one	20925-64-8	Ivabradine
38	3-(3-Chloropropyl)-1,3-dihydro-7,8-dimethoxy- 2 H-3-benzazepi n-2-one	85175-59-3	Ivabradine
39	5-(N-Ethyl-N-2-hydroxyethyl amino)-2- pentylamine (HNDA)	69559-11-1	Hydroxychloroquine sulfate
40	4,7-dichloroquinoline (4,7-DCQ}	86-98-6	Hydroxychloroquine sulfate
41	N-Methyl-4-piperidone	1445-73-4	Loratadine, Ketotifene, Zavegepant & Aclaftadine
42	N-Methyl-4-hydroxy-piperidine	106-52-5	Domperidone
43	N-Carboethoxy-4-piperidone	29976-53-2	Domperidone, Haloperidol
44	Ethyl 4-hydroxypiperidine-1-carboxylate	65214-82-6	Drug Intermediate
45	4-Hydroxypiperidine	5382-16-1	Bepotastine besylate
46	N-Methyl-4-chloropiperidine	5570-77-4	Domperidone
47	1-Benzy-4-piperidone	3612-20-2	Bepotastine besylate, Rupatidine
48	N-BOC-4-piperidone	79099-07-3	Vicriviroc, Ancriviroc, Pridopidine
49	N-BOC-4-hydroxypiperidine	109384-19-2	Drug Intermediate
50	4-N-BOC-Aminopiperidine	73874-95-0	Lomitapide, Crenolanib, Relebactam, Gepotidacin, Prucalopride Succinate, Astemizole
51	4-Amino-1-Boc-piperidine	87120-72-7	Relebactam
52	4-Aminopiperidine	13035-19-3	Lomitapide, Crenolanib, Relebactam, Gepotidacin, Prucalopride Succinate, Astemizole
53	Ethyl 4-aminopiperidine-1-carboxylate	58859-46-4	Crizotinib
54	4-Piperidinopiperidine	4897-50-1	Irinotecan
55	4-Piperidinylpiperidine dihydrochloride	172281-92-4	Irinotecan
56	1-Methylpiperidine-4-amine	41838-46-4	Drug Intermediate
57	N-BOC-3-Pi peridone	98977-36-7	Avarofloxacin

No.	Products	Cas No.	End Users
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PLANT - 6

1	2-Mercapto-1H-benzimidazole	583-39-1	Lansoprazole, Rabeprazole, Dexlansoprazole
2	2-Chloromethyl-4-methoxy-3,5-dimethylpyridine hydrochloride	86604-75-3	Omeprazole, Esomeprazole
3	5-Methoxy-2-[[[(4-methoxy-3,5-dimethyl-2-pyridyl)methyl]thio]benzimidazole	73590-85-9	Omeprazole, Esomeprazole
4	5-Methoxy-2-Mercapto benzimidazole	37052-78-1	Omeprazole, Esomeprazole
5	2-(Chloromethyl)-4-(3-methoxypropoxy)-3-methylpyridine HCl (Rabeprazole Chloro)	153259-32-5	Rabeprazole
6	2-(((4-(3-methoxypropoxy)-3-methylpyridin-2-yl)methyl)thio)-1Hbenzo[d]imidazole (Rabeprazole Sulfide)	117977-21-6	Rabeprazole
7	2-Chloromethyl-3-methyl-4-(2,2,2-trifluoroethoxy)pyridine hydrochloride (Lansoprazole chloro)	127337-60-4	Lansoprazole
8	2-Butyl-5-chloro-1Himidazole-4-carbaldehyde (BCFI)	68282-49-5	Losartan
9	N-(4,5-Dichloro-2-nitrophenyl)acetamide	5462-30-6	Triclabendazole
10	5-Chloro-6-(2,3-dichlorophenoxy)-1,3-dihydrobenzimidazole-2-thione	68828-69-3	Triclabendazole
11	2,3:4,5-Di-O-isopropylidene-βD-fructopyranose	20880-92-6	Topiramate
12	3,4-Dimethoxy benzoic acid (Veratric acid)	93-07-2	Gefitinib hydrochloride, Prazosin, Mabuterol, Mebeverine, Bunazosin, Acotiamide
13	2-Chloro-5-Nitro benzoic acid (CNBA)	2516-96-3	Mesalazine, Parsalimide
14	4-Methyl-6-(1-methylbenzimidazole-2-yl)-2-propyl benzimidazole	152628-02-9	Telmisatran
15	(2S)-Pyrrolidine-2-carboxamide	7531-52-4	Vildagliptin
16	2-[2-(4-Fluorophenyl)-2-oxo-1-phenylethyl]-4-methyl-3-oxopentanoic acid phenylamide (Diketone/Stetter compound)	125971-96-2	Atorvastatin
17	3-Nitrophthalic acid (3-NPA)	603-11-2	Apremilast/Candesatran
18	(Z)-2-Methoxyimino-2-furanacetic acid ammonium salt	97148-39-5	Cefuroxime
19	N-(1,3-Dihydro-1,3-dioxoisobenzofuran-4-yl)acetamide	6296-53-3	Apremilast
20	3-Ethoxy-4-methoxy benzonitrile	60758-86-3	Apremilast
21	2-(3-Ethoxy-4-methoxyphenyl)-1-(methylsulfonyl)-eth-2ylamine	253168-94-4	Apremilast
22	1-(3-Chlorophenyl)-4-(3-chlorophenyl)piperazine HCl	52605-52-4	Trazodone
23	1,2,4-Triazole[4,3-a]pyridin-3-(2H)-one	6969-71-7	Trazodone
24	1,2,4-Triazole[4,3-a]pyridin-3-(2H)-one sodium salt	50594-92-8	Trazodone
25	4-(Methylamino)-3-nitrobenzoic acid	41263-74-5	Dabigatran
26	2-(4-Cyanophenylamino) acetic Acid	42288-26-6	Dabigatran
27	p-Nitro benzamidoxime (DMZ)	1613-86-1	Diminazene
28	4-Chloro-2,6-dimethyl-3-nitropyridine	15513-48-1	Grapiprant, Elbanizine
29	3-(Trifluoromethyl)-5,6,7,8-tetrahydro-1,2,4-triazolo-[4,3-a]pyrazine	486460-21-3	Sitagliptin
30	2-(2-Methoxyphenoxy)ethylamine	1836-62-0	Carvedilol
31	5-Bromo-2-chlorobenzoic acid	21739-92-4	Dapagliflozin
32	(S)-2-Aminobutyramide hydrochloride	7682-20-4	Levetiracetam and Brivaracetam
33	2-Butyl-1-benzofuran	4265-27-4	Amiodarone HCl
34	(2-Butyl-1-benzofuran-3-yl)(4-hydroxyphenyl)methanone	52490-15-0	Amiodarone HCl
35	(2-Butyl-1-benzofuran-3-yl)(4-hydroxy-3,5-diiodophenyl)methanone	1951-26-4	Amiodarone HCl

PLANT - 7

1	4 Aminosalicic Acid (Pas Acid)	65-49-6	Treatment for Tuberculosis
2	Methyl 4-Acetamido 2-Methoxybenzoate (Methopabate)	4093-29-2	Intermediate for Metoclopramide Hcl
3	Methyl 4-Acetamido 5-Chloro 2-Methoxybenzoate (5-Chloro Methopabate)	4093-31-6	Intermediate for Metoclopramide Hcl
4	Methyl 4-Acetylamino 5-Chloro 2-Hydroxybenzoate	24190-77-0	An Organic Intermediate
5	5-Nitro 4-Amino 2-Methoxy Benzoic Acid Methyl Ester	59338-84-0	An Organic Intermediate
6	2-Chloro Phenothiazine	92-39-7	Intermediate for chlorpromazine, chlorproethazine, Thiopropazate, Prochlorperazine

No.	Products	Cas No.	End Users
7	2-Tri Fluoro Methyl Phenothiazine	92-30-8	Intermediate for Triflupromazine, Fluphenazine, Trifluomeprazine, Trifluoperazine
8	2-Methyl Mercapto Phenothiazine	7643-08-5	Intermediate for Thioridazine, Mesoridazine
9	2- Methoxy Phenothiazine	1771-18-2	Intermediate for Methotrimeprazine, Methoxypropazine, Levomepromazine
10	Cetyl Chloride	4860-03-01	Intermediate for Cetylpyridinium Chloride
11	3-(4-Chlorophenyl) Glutaric Acid	35271-74-0	Intermediate for Baclofen
12	4-Amino 5-Ethylsulfonyl 2- Methoxybenzoic Acid	71675-87-1	Intermediate for Amisukpride
13	Zinc Acetate	557-34-6	Dietary and medicinal applications, Industrial
14	Chitosan	9012-76-4	Used as biopesticide, Antifungal and Antibacterial agent
15	Carboxyl Methyl Chitosan	83512-85-0	Water soluble Chitosan
16	Water Soluble Chitosan	-----	Used in Cosmetics, food, Textile, Paper Industry
17	Hydroxy Propyl Chitosan	84069-44-3	Used in Foliar spraying, Irrigation, seed soaking, soil application
18	Tetra Butyl Ammonium Fluoride	429-41-4	Phase Transfer Catalyst
19	Tetra Butyl Ammonium Bromide	1643-19-2	Phase Transfer Catalyst
20	Tri Metyl Phenyl Ammonium Chloride	138-24-9	Phase Transfer Catalyst
21	Methyl Tributyl Ammoniumchloride	56375-79-2	Phase Transfer Catalyst

PLANT - 8

1	4-(4-chloro-1,2,5-thiadiazol3-yl)morpholine	30165-96-9	Timolol
2	4-(morpholin-4-yl)-1,2,5- thiadiazol-3-ol	30165-97-0	Timolol
3	4-(Ethylaminomethyl) pyridine	33403-97-3	Tropicamide
4	N-(2,6-dimethyl phenyl)piperidine-2- carboxamide	15883-20-2	Bupivacaine, Mepivacaine
5	(2S) N-(2,6-dimethyl phenyl)piperidine-2- carboxamide	27262-40-4	Ropivacaine & Levobupivacaine
6	2-[4-(benzyloxy) phenyl]ethanol-1	61439-59-6	Betaxolol

PLANT - 9

1	1-(4-Methoxyphenyl)-4-(4- nitrophenyl)piperazine	74852- 61-2	Itraconazole
2	1-(4-Methoxyphenyl)piperazine	38212- 30-5	Itraconazole
3	1-(4-Methoxyphenyl)piperazine HCl	38869- 47-5	
4	1-Phenyl Piperazine	92-54-6	Dropropizine
5	1(2-Methoxy Phenyl) piperazine	35386- 24-4	Urapidil
6	1-(2-Methoxyphenyl)Piperazine Di Hydrochloride	5464-78- 7	Urapidil
7	1-(3-Chloro Phenyl) Piperazine	6640-24- 0	Trazadone
8	1-(3-Chlorophenyl)-4-(3- chloropropyl)piperazine hydrochloride	52605- 52-4	Trazadone
9	3,4 Dimethoxy Benzaldehyde (Veratraldehyde)	120-14-9	Donepezil
10	Dimethyl Formamide Dimethyl Acetal	4637-24- 5	Dolutegravir
11	1,1-Cyclohexanediactic acid monoamide	99189- 60-3	Gabapentin
12	2- Butyl-4- Chloro-5-Formyl-1H- Imidazole	83857- 96-9	Losartan
13	2,3,4-Trimethoxybenzaldehyde	2103-57- 3	Trimetazidine
14	3-Amino-3-azabicyclo[3.3.0]octane hydrochloride	58108- 05-7	Anti-Diabetes
15	2-methyl-1-(methylthio)-2-Propanamien	36567- 04-1	Fine Chemical

PLANT - 10

1	Chloro Acetyl 2,6 Xylidide	1131-01-7	Lidocaine, Ronalazine
2	Endo-9-methyl-9-azabicyclo [3.3.1] nonan-3-amine	76272-56-5	Granisetron
3	1-methylindazole-3-carboxylic acid	50890-83-0	Granisetron
4	5-[(2r)-2-aminopropyl]-2-methoxybenzene Sulfonamide	112101-81-2	Tamsulosin
5	2-(2-ethoxy phenoxy) ethyl bromide	3259-03-8	Tamsulosin
6	2,6-Dimethyl-5-Methoxycarbonyl-4-(3-Nitrophenyl) -1,4-Dihydropyridine-3-Carboxylic Acid	74936-72-4	Lercanidipine, Benidipine, Manidipine
7	2 Nitro Benzaldehyde	552-89-6	Nifedipine & used in may intermediates
8	5,6,7,8 Tetrahydro Napthlene 1 Carboxylic acid	4242-18-6	Palonosetron Hydrochloride
9	S (-) 3-Amino Quinclidine Dihydrochloride	119904-90-4	Palonosetron Hydrochloride
10	3 Amino 4 Methyl 2- thiophene carboxylic acid Methyl Ester	85006-31-1	Articaine

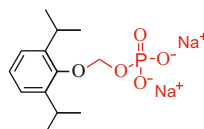
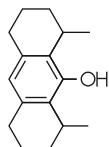
Note :- Snap Intermediates assumes no responsibility for any infringement or any other rights. None of the products will be supplied to countries in which they could be in conflict with existing patents. However the final responsibility lies with the buyer.

Why Prodrugs

Increased solubility for better IV formulation

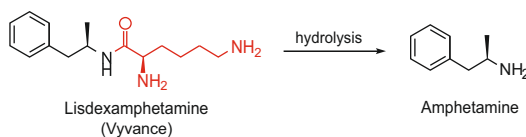
Addition of ionized phosphate promoiety

Propofol
(e.g., Diprivan)

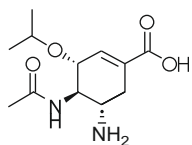


Fospropofol
(Lusedra)

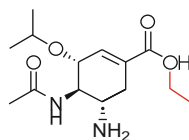
Controlled release of an active drug to prolong duration of action



Overcoming poor permeability



Oseltamivir carboxylate

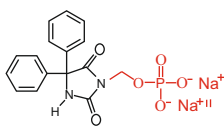


Oseltamivir ethyl ester (Tamiflu)

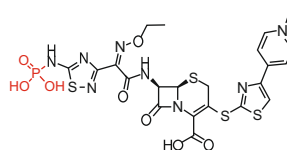
Phosphonate Prodrugs

Phosph(on)ates for other functional groups

Fosphenytoin
(Cerebyx)

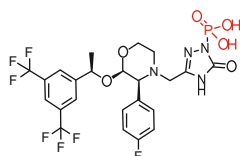


- Increased aqueous solubility from 20-25 µg/mL of phenytoin to 140 mg/mL of fosphenytoin



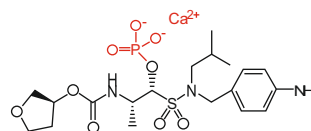
Cefraroiline fosamil (Teflaro)

- N-phosphono prodrug
- Increased aqueous solubility from 2.3 mg/ml to >100 mg/mL
- Conversion in plasma at a rate that allows detection of intact prodrug
- FDA approval in 2010



Fosaprepitant
(Emend)

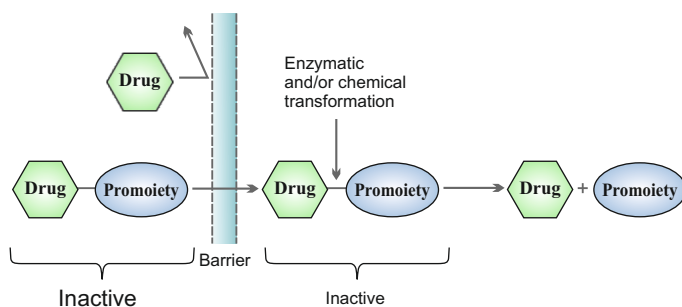
- N-phosphonoamino prodrug
- Increased solubility from 0.2 µg/ml to 12 mg/ml.
- Rapid conversion in the liver
- An antiemetic drug
- FDA approval in 2008



Fosamprenavir (Lexiva[®])

Synthesis of Prodrugs Experties and Capabilities

Prodrug Concept



▪ Prodrugs are medications that turn into an active form once they enter the body

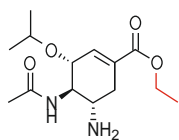
▪ About **10% of all medications** in the world are prodrugs. Their design seems to be gaining in popularity with time. For example, between 2008 and 2017, about **12%** of all new FDA-approved medications were prodrugs

▪ There are two general benefits of prodrugs. One main benefit is improving a medication's effectiveness. Another benefit is reducing a medication's toxicity or side effects.

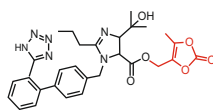
Rationale for prodrug design

- **Better drug formulation and administration options**
 - ✓ Increased aqueous solubility for liquid dosage forms
 - ✓ Enabling new administration routes
- **Improved properties related to ADMET**
 - **Absorption ("A")**
 - ✓ Increased solubility
 - ✓ Improved permeability
 - **Distribution ("D")**
 - ✓ Enabling e.g. brain delivery
 - **Metabolism and excretion ("M" and "E")**
 - ✓ Decreased pre-systemic metabolism
 - **Toxicity ("T")**
 - ✓ Better targeting
 - ✓ Decrease in abuse potential
- **Life-cycle management**
 - ✓ Additional intellectual property (IP)

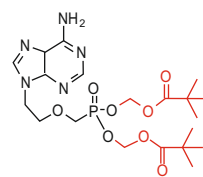
Examples of Prodrugs



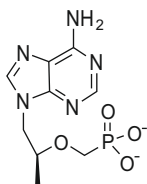
Oseltamivir ethyl ester (Tamiflu)



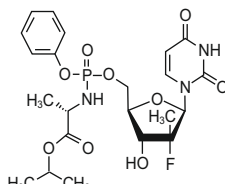
Olmesartan medoxomil



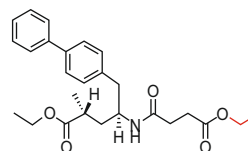
Adefovir dipivoxil (Hepsera[®])



Tenofovir



Sofosbuvir



Sacubitril

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CONTACT



PRODUCT LIST