

## LIST OF PRODUCTS - VASISTA



### LIST OF ACTIVE PHARMACEUTICAL INGREDIENTS

S.No.	NAME OF THE API	CAS No.	MONOGRAPH	REMARKS
1	KETOROLAC TROMETHAMINE	74103-07-4	IP/Ph. Eur/USP	Commercial
2	DAPAGLIFLOZIN PROPANEDIOL MONOHYDRATE	960404-48-2	IH	Ready for Commercial
3	TELMISARTAN	144701-48-4	IP/Ph. Eur/USP	Ready for Commercial
4	BILASTINE	202189-78-4	IH	Under Development
5	EZETIMIBE	163222-33-1	IH/USP	Under Development
6	EMPAGLIFLOZIN	864070-44-0	IH	Under Development
7	BRIVARACETAM	357336-20-0	IH	Under Development
8	RUFINAMIDE	106308-44-5	IH/USP	Under Development

### LIST OF KEY STARTING MATERIALS/INTERMEDIATES- COMMERCIAL

S.NO.	NAME OF THE MATERIAL	CAS NO.	END PRODUCT	REMARKS
1	2-[4-[1-(4,4-DIMETHYL-5H-OXAZOL-2-YL)-1-METHYLETHYL]PHENYL] ETHYL-4-METHYLBENZENESULFONATE	202189-76-2	BILASTINE	Commercial
2	2-(PIPERIDIN-4-YL)-1H-BENZOIMIDAZOLE	38385-95-4	BILASTINE	Commercial
3	2-ETHOXYETHYL-4-METHYLBENZENESULFONATE	17178-11-9	BILASTINE	Commercial
4	2-CHLOROETHYL ETHYL ETHER	628-34-2	BILASTINE	Commercial
5	S-(+)-4-PHENYL-2-OXAZOLIDINONE (S-POZ)	99395-88-7	EZETIMIBE	Commercial
6	4-(4-FLUOROBENZYL)BUTYRIC ACID	149437-76-3	EZETIMIBE	Commercial
7	(2R,3R,4R,5S,6S)-2-(ACETOXYMETHYL)-6-(4-CHLORO-3-(4-ETHOXYBENZYL)PHENYL) TETRAHYDRO-2H-PYRAN-3,4,5-TRIYL TRIACETATE	461432-25-7	DAPAGLIFLOZIN	Commercial
8	5-BROMO-2-CHLOROBENZOIC ACID	21739-92-4	DAPAGLIFLOZIN/ EMPAGLIFLOZIN	Commercial
9	2,6-DIFLUOROBENZYL BROMIDE	85118-00-9	RUFINAMIDE/ RELUGOLIX	Commercial
10	2,6-DIFLUOROBENZYL CHLORIDE	697-73-4	RUFINAMIDE/ RELUGOLIX	
11	4-NITROPHENYLACETICACID	104-03-0	RELUGOLIX	Commercial
12	N-TRIPHENYLMETHYL)-5-(4-BROMOMETHYL BIPHENYL-2-YL-) TETRAZOLE (TTBB)	124750-51-2	OLMESARTAN/ LOSARTAN	Commercial
13	TETRAHYDRO-4H-PYRAN-4-ONE	29943-42-8	ENTRECTINIB/ TAZEMETOSTAT	Commercial
14	2,2,6,6-TETRAMETHYLPYPERIDINE	768-66-1	ENTRECTINIB	Commercial
15	SODIUM TRIACETOXYBOROHYDRIDE (STAB)	56553-60-7	TENELIGLIPTIN	Commercial
16	4-PENTYN-1-OL	5390-04-5	VIBEGRON	Commercial
17	3-BUTYN-1-OL	927-74-2	PEMETREXED	Commercial
18	TRIETHYL [5-BENZYL-1H-PYRROL-5-YL]METHANETRI-CARBOXYLATE	136116-84-2	KETOROLAC TROMETHAMINE	Commercial
19	5-BENZOYL-2,3-DIHYDRO-1H-PYRROLIZINE-1-CARBOXYLIC ACID	74103-06-3	KETOROLAC TROMETHAMINE	Commercial
20	TRI(o-TOLYL)PHOSPHINE	6163-58-2	ELETRIPTAN	Commercial
21	TERT-BUTYL CARBAZATE	870-46-2	ATAZANAVIR	Commercial
22	ISOPROPYL-β-(D)-THIOGALACTOPYRANOSIDE	367-93-1	LAC OPERON AGENT	Commercial
23	4-(ETHYLAMINOMETHYL)PYRIDINE	33403-97-3	TROPICAMIDE	Commercial
24	TRI-N-BUTYL PHOSPHINE	998-40-3	---	Commercial
25	TRI-N-BUTYL TIN HYDRIDE	688-73-3	---	Commercial
26	ETHYL-3-AMINO-1H-PYRAZOLE-4-CARBOXYLATE	6994-25-8	---	Commercial
27	3-NITRO SALICYLIC ACID METHYL ESTER	22621-41-6	---	
28	ISOPROPENYL BROMIDE	557-93-7	---	Commercial
29	DIETHYL KETOMALONATE	609-09-6	---	Commercial
30	3-BENZYLOXY BROMOBENZENE	53087-13-1	---	Commercial
31	4-BENZYLOXY BROMOBENZENE	6793-92-6	---	Commercial
32	TETRAVINYL TIN	1112-56-7	---	Commercial
33	2-PYRIDYL ACETICACID HYDROCHLORICACID	16179-97-8	---	Commercial

**LIST OF INTERMEDIATES/KEY STARTING MATERIALS-READY FOR COMMERCIAL**

S.NO	NAME OF THE KSM/INTERMEDIATE	CAS No.	END PRODUCT	STATUS
1	ETHYL 3-(DIMETHYLAMINO)ACRYLATE	924-99-2	RUFINAMIDE	Ready for Commercial
2	(R)-(+)-1-(NAPHTHYL)ETHYL AMINE	3886-70-2	CINACALCET	Ready for Commercial
3	3-(TRIFLUOROMETHYL)CINNAMIC ACID	779-89-5	CINACALCET	Ready for Commercial
4	2-AMINO-5-CHLORO-2'-FLUORO BENZOPHENONE	784-38-3	MIDAZOLAM	Ready for Commercial
5	CIS-3,5-DIACETOXYCYCLOPENTENE	54664-61-8	TICAGRELOR	Ready for Commercial
6	4-CYANO-3-TRIFLUOROMETHYLANILINE	654-70-6	ENZALUTAMIDE/ BICALUTAMIDE	Ready for Commercial
7	2, 6 DIHYDROXY ACETOPHENONE	699-83-2	SODIUM CROMOGLYCATE	Ready for Commercial
8	2-AMINO-3-HYDROXY PYRIDINE	16867-03-1	PALIPERIDONE	Ready for Commercial
9	4-AMINO-3-HYDROXY BENZOIC ACID	2374-03-0	TAFAMIDIS	Ready for Commercial
10	4-AMINO-3-METHOXY BENZOIC ACID	121-34-6	BOSUTINIB	Ready for Commercial
11	5-ACETYL THIOPHENE-2-CARBOXYLIC ACID	4066-41-5	---	Ready for Commercial
12	3-AMINO PYRAZOLE	1820-80-0	---	Ready for Commercial
13	2-CHLORO PYRIMIDINE	1722-12-9	---	Ready for Commercial
14	2-AMINO PYRIMIDINE	109-12-6	---	Ready for Commercial
15	(DIACETOXYIODO) BENZENE	3240-34-4	---	Ready for Commercial
16	3-AMINO PIPERIDINE-2,6-DIONE HYDROCHLORIDE	24666-56-6	---	Ready for Commercial
17	2,3-DIAMINO PYRIDINE	452-58-5	---	Ready for Commercial
18	2,4-DIAMINO PYRIMIDINE	156-81-0	---	Ready for Commercial
19	2-CHLORO-5-BROMO PYRIMIDINE	32779-36-5	---	Ready for Commercial
20	PIVALONITRILE	630-18-2	---	Ready for Commercial
21	NEOPENTYLAMINE HCL	5813-64-9	---	Ready for Commercial

**BORANE REAGENTS-COMMERCIAL**

S.NO	NAME OF THE BORANE REAGENT	CAS NO.	END PRODUCT	REMARKS
1	BORANE TETRAHYDROFURAN COMPLEX 1.0 M IN THF	14044-65-6	---	Commercial
2	BORAN TRICHLORIDE 1.0 IN MDC/TOLUENE/EDC/N-HEXANE	10294-34-5	---	Commercial
3	BORANE DIMETHYL SULPHIDE COMPLEX 2.0 M IN THF / 2.0 M IN TOLUENE/10.0 M IN DMS (95%)	13292-87-0	---	Commercial
4	COPPER(1)BROMIDE DMS COMPLEX 95%	54678-23-8	---	Commercial

ALIPHATIC GRIDNARD REAGENTS-COMMERCIAL				
S.NO	NAME OF THE ALIPHATIC GRIGNARD REAGENT	CAS NO.	END PRODUCT	REMARKS
1	METHYLMAGNESIUM CHLORIDE 3.0M THF/3.2M 2MeTHF	676-58-4	---	Commercial
2	METHYLMAGNESIUM BROMIDE 1.4M IN THF / 3.0M IN DEE / 3.2 M IN 2MeTHF/3.2 IN DBE / 1.4M IN THF+TOLUENE(1:3)	75-16-1	---	Commercial
3	ETHYLMAGNESIUM CHLORIDE 2.0M IN THF / 2.0M IN DEE	2386-64-3	---	Commercial
4	ETHYLMAGNESIUM BROMIDE 1.6M IN THF / 3.0M IN DEE / 3.2 M IN 2MeTHF /1.0M IN MTBE	925-90-6	---	Commercial
5	ISOPROPYLMAGNESIUM CHLORIDE 2.0M IN THF/2.0M DEE / 1.0M 2MeTHF	1068-55-9	---	Commercial
6	ISOPROPYLMAGNESIUM BROMIDE 1.0M IN THF / 2.0M IN DEE	920-39-8	---	Commercial
7	ETHYNYLMAGNESIUM CHLORIDE 0.5M IN THF	65032-27-1	---	Commercial
8	ETHYNYLMAGNESIUM BROMIDE 0.5M IN THF	4301-14-8	---	Commercial
9	CYCLOPROPYLMAGNESIUM BROMIDE 0.5M IN THF / 1.0M 2MeTHF	23719-80-4	---	Commercial
10	n-PROPYLMAGNESIUM BROMIDE 1.0M IN THF	927-77-5	---	Commercial
11	n-BUTYLMAGNESIUM CHLORIDE 2.0M IN THF / 2.0M IN DEE	693-04-9	---	Commercial
12	n-BUTYLMAGNESIUM BROMIDE 1.0M IN THF / 2.0 M IN DEE	693-03-8	---	Commercial
13	ISOBUTYLMAGNESIUM BROMIDE 1.0M THF / 2.0M IN THF	926-62-5	---	Commercial
14	ISOPROPENYLMAGNESIUM BROMIDE 0.5M IN THF/1.0M IN 2Me THF	13291-18-4	---	Commercial
15	CYCLOPENTYLMAGNESIUM BROMIDE 1.0M IN THF/2.0M DEE	33240-34-5	---	Commercial
16	CYCLOPENTYLMAGNESIUM CHLORIDE 1.0M IN THF/2.0M DEE	32916-51-1	---	Commercial
17	CYCLOHEXYLMAGNESIUM BROMIDE 1.0M IN THF	931-50-0	---	Commercial
18	CYCLOHEXYLMAGNESIUM CHLORIDE 0.5M IN THF/2.0M DEE	931-50-1	---	Commercial
19	Sec-BUTYLMAGNESIUM CHLORIDE 2.0M IN THF / 2.0M IN DEE	15366-08-2	---	Commercial
20	Tert-BUTYLMAGNESIUM CHLORIDE 2.0M IN THF	677-22-5	---	Commercial
AROMATIC GRIDNARD REAGENTS-COMMERCIAL				
S.NO	NAME OF THE AROMATIC GRIGNARD REAGENT	CAS NO.	END PRODUCT	REMARKS
1	PHENYLMAGNESIUM CHLORIDE 2.0M IN THF	100-59-4	---	Commercial
2	PHENYLMAGNESIUM BROMIDE 1.0M IN THF / 3.0M IN DEE / 2.0M IN 2MeTHF	100-58-3	---	Commercial
3	ORTHO TOLYLMAGNESIUM BROMIDE 1.0M IN THF/2.0M DEE	932-31-0	---	Commercial
4	ORTHO TOLYLMAGNESIUM CHLORIDE 1.0M IN THF	33872-80-9	---	Commercial
5	4-ETHYLPHENYLMAGNESIUM BROMIDE 0.5M IN THF	22873-28-5	---	Commercial
6	4-FLUOROPHENYLMAGNESIUM BROMIDE 1.0M IN THF	352-13-6	---	Commercial
7	4-BROMOBENZYL MAGNESIUM BROMIDE 0.25M DEE	92206-72-9	---	Commercial
8	P-TOLYLMAGNESIUM BROMIDE 1.0M IN THF & 2.0 IN THF	4294-57-9 & 696-61-7	---	Commercial
9	P-TOLYLMAGNESIUM CHLORIDE 2.0M IN THF	696-61-7	---	Commercial
10	m-TOLYLMAGNESIUM BROMIDE& CHLORIDE 1.0M IN THF	28987-79-3 &121905-60-0	---	Commercial
11	ISOPROPENYL MAGNIUM BROMIDE 0.5M THF/1.0M &2M	13291-18-4	---	Commercial

TURBO GRIGNARDS-COMMERCIAL				
S.NO	NAME OF THE TURBO GRIGNARD REAGENT	CAS NO.	END PRODUCT	REMARKS
1	ISOPROPYLMAGNESIUM CHLORIDE LITHIUM CHLORIDE COMPLEX 1.3 M IN THF	745038-86-2	---	Commercial
2	Sec. BUTYLMAGNESIUM CHLORIDE LITHIUM CHLORIDE 1.2 M IN THF	1032768-06-1	---	Commercial
3	Di-Sec. BUTYLMAGNESIUM LITHIUM CHLORIDE 0.7 M IN THF	943143-06-4	---	Commercial
4	2,2,6,6-TETRAMETHYLPiPERIDINYL MAGNESIUM CHLORIDE, LITHIUM CHLORIDE COMPLEX 1.0 M in THF	898838-07-8	---	Commercial
5	2,2,6,6-TETRAMETHYLPiPERIDINYL LITHIUM CHLORIDE ZINC CHLORIDE COMPLEX 0.5 M in THF	1145881-09-9	---	Commercial
METAL REAGENTS-COMMERCIAL				
S.NO	NAME OF THE METAL REAGENT	CAS NO.	END PRODUCT	REMARKS
1	METHYLLITHIUM 1.6M IN DEE / 1.9 IN CYCLOPENTYL METHYL ETHER	917-54-4	---	Commercial
2	METHYLLITHIUM LITHIUM BROMIDE COMPLEX 1.6M IN DEE	332360-06-2	---	Commercial
3	METHYLLITHIUM LITHIUM IODIDE COMPLEX 1.6M IN DEE	917-54-4	---	Commercial
4	ETHYLLITHIUM 1.7M IN DBE	811-49-4	---	Commercial
5	ISOPROPYLLITHIUM 1.7M IN PENTANE	1888-75-1	---	Commercial
6	n-BUTYLLITHIUM 2.5M IN HEXANE/PENTANE/CYLOHEXANE/TOLUENE/HEPTANES	109-72-8	---	Commercial
7	LITHIUM HMDS 1.4 M IN THF /1.0M IN TOLUENE / 1.4M IN HEXANES / 1.4M IN MTBE / 95%	4039-32-1	---	Commercial
8	LITHIUM DIISOPROPYLAMIDE 2.0M IN THF / 0.7M IN MTBE	4111-54-0	---	Commercial
9	LITHIUM tert-BUTOXIDE 1.0M IN THF / 98%	1907-33-1	---	Commercial
10	LITHIUM ISOPROPOXIDE 2.0M IN THF	2388-10-5	---	Commercial
11	LITHIUMMETHOXIDE 11.0% IN METHANOL / 98%	865-34-9	---	Commercial
12	SODIUM HMDS 2.0 M IN THF / 0.7M IN TOLUENE	1070-89-9	---	Commercial
13	SODIUM tert-BUTOXIDE 2.0M IN THF	865-48-5	---	Commercial
14	POTASSIUM HMDS 1.0M IN THF / 1.0M TOLUENE	40949-94-8	---	Commercial
15	CYCLOPROPYL ZINC BROMIDE 0.7M IN THF	126403-68-7	---	Commercial
16	POTASSIUM tert-BUTOXIDE 1.0M IN THF / 1.0M IN tert-BUTANOL /1.5M IN THF	865-47-4	---	Commercial
<p><b>*Note:</b></p> <p>1.0 Responsibility with respect to third party's patent / patent rights for specific product in a specific country lies exclusively with the buyer.</p> <p>2.0 Products protected with patent(s) shall be not be offered for commercial</p>				