



OUR CREDENTIALS

ABOUT US ▶

Maitree Life Sciences is a nascent yet dynamically growing center for process synthesis, manufacturing and research & development. At Maitree Life Sciences, our array of activities includes Manufacturing of Intermediates, Synthesis of Impurities, Development of API, Key raw materials, Specialty reagents and Specialty chemicals. We offer intermediates and impurities from a standard list as well as their custom synthesis for our clients maintaining confidentiality. Our team of knowledgeable and experienced scientists is committed to providing our clients with high quality services. We thrive to address client project needs in a timely, confidential and cost-effective manner and strive to become a value-added support organization for our clients.

TECHNICAL CAPABILITIES ▶

Our set up can effectively handle complex and diversified chemistry like

- Sodium hydride base reaction
- Heterocyclic synthesis
- Grignard reaction
- Chiral synthesis
- Inert atmosphere reaction
- High vacuum distillation
- Hydrogenation
- Oxidation and reduction
- Alkylation Reaction (C-alkylation, N-Alkylation, S-Alkylation, O-Alkylation)
- Reaction by using, PPA, POCl₃, SOCl₂, etc.,
- Esterification
- Nitration

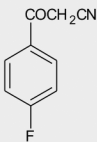
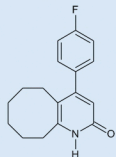
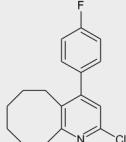
INFRASTRUCTURE ▶

- State of the art infrastructure with 2000 sq.ft. R&D centre and 500 sq.ft. Pilot plant for scale up to kg quantity.
- Pilot plant with 20 Litre, and 200 Litre glass assemblies equipped with oil bath, reflux cum fractional distillation column facility, phase separator, liquid addition pot, solid charging facility, inert gas passing and pure gas purge facility.
- Well equipped QC/ADL laboratory with online HPLC and GC support.
- Manufacturing set up spread over an area of 18000 sq.mt. with built in area of 10000 sq. mt. equipped with 6 kL to 400 Litre SS and GL reactors & 1kL Hydrogenator with capacity of 25 kg/cm² pressure.

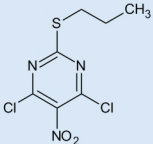
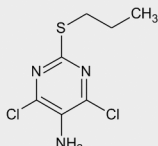


List of Intermediates

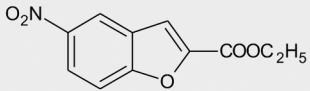
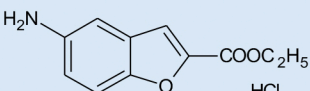
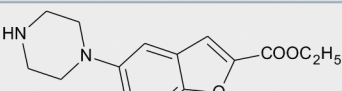
API Name: Blonanserin (CAS no: 132810-10-7)

No.	Intermediate Chemical Name	CAS No.	Chemical Structure
1	3-(4-fluorophenyl)-3-oxo propanenitrile	[4640-67-9]	
2	4-(4-Fluorophenyl)-5,6,7,8,9,10-hexahydro cycloocta[b]pyridin-2(1H)-one	[132812-72-7]	
3	2-chloro-4-(4-fluoro phenyl)-5,6,7,8, 9,10-hexahydrocycloocta [b]pyridine	[132813-14-0]	

API Name: Ticagrelor (CAS No: 274693-27-5)

No.	Intermediate Chemical Name	CAS No.	Chemical Structure
1	4,6-dichloro-5-nitro-2-(propylsulfanyl) pyrimidine	[145783-14-8]	
2	4,6-Dichloro-2-(propylsulfanyl) pyrimidin-5-amine	[145783-15-9]	

API Name: Vilazodone (CAS No: 163521-08-2)

No.	Intermediate Chemical Name	CAS No.	Chemical Structure
1	Ethyl 5-Nitrobenzofuran-2-carboxylate	[69604-00-8]	
2	Ethyl 5-aminobenzofuran-2-carboxylate HCl	[174775-48-5]	
3	Ethyl 5-(piperazin-1-yl)benzofuran-2-carboxylate	[163521-20-8]	

Under Development Projects

API Name: Anagliptin (CAS No: 739366-20-2)

1. Chemical Name: 2-Methylpyrazolo[1,5-a]pyrimidine-6-carboxylic acid
CAS No: [739364-95-5]

API Name: Tolterodine (CAS No: 124937-52-6)

1. Chemical Name: 3-(2-methoxy-5-phenyl)-3-phenylpropanol
CAS No: [124937-73-1]

Sartan Intermediate

Chemical Name: methyl 4'-(bromomethyl)biphenyl-2-carboxylate
CAS No: [114772-38-2]

Chemical Name: 4'-(bromomethyl)biphenyl-2-carbonitrile
Other Name: Bromo OTBN
CAS No: [114772-54-2]



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Maitree Life Sciences

27, Meldi Estate,
 Nr. Gota Railway Crossing,
 Gota, Ahmedabad - 382 481, Gujarat
 Phone: +91 2717 241949,
 Email : maitreelifesciences@gmail.com