

## INFRASTRUCTURE

### ADVANCED ANALYTICAL SOLUTIONS#

- LC-MS/MS (Triple Quad) - Waters
- MS Detector (Single Quad, QDA-II) - Waters
- PSD Analyzer - Malvern 3000 Plus Ultra
- Network Servers (Empower & Lab solution)
- KF & Auto titrator - Metrohm
- Stability Chambers - Newtronics
- GC MS/MS (Tripe Quad) - Agilent
- DSC - TA Instruments
- Ion Chromatography (IC) - Metrohm
- GC & HS-GC -05 Nos (Shimadzu & Agilent)
- Pharma Refrigerator - Thermolabs
- LIMS
- ICPMS - Agilent
- PXRD - PAN Analytical
- HPLC-25 Nos (Shimadzu & Waters)
- UV & FTIR Spectrophotometer (Jasco)
- Polarimeter - Rudolph
- Dehumidifier

## KILO LAB#

### KILO LAB & FLOW REACTOR



### FACILITY ACCREDITATION\*

- CDSCO
- ISO 9001-2015
- NABL
- USFDA

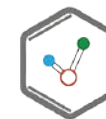


# - Will be operational from April - 2025

\* - In progress

### CHEMISTRY EXPERTISE

Route Scouting	Reverse Engineering
Telescoping	Chlorination (using SOCl <sub>2</sub> , POCl <sub>3</sub> , HCl, Cl <sub>2</sub> )
Friedel-Craft's reaction	Bromination (using bromine/HBr in acetic acid)
Nitration and Sulfonation	High pressure hydrogenation reactions (using Pd/C, Pt/C, and Raney Ni)
Alkylation and Acylation	High temperature reactions up to 200 °C
Aminolysis	N-BuLi, sec-BuLi, LiHMDS
Condensation	Suzuki and Heck coupling
Diazotization	Amination (Reductive / Chiral)
Cryogenic reactions	Photochemical Reaction
Ozonolysis	Mixed anhydride Condensation
Resolution / Racemization	Chiral Synthesis
Grignard Reactions	Flow Chemistry
Oxidation	Acid-Amine Coupling (Various Types)
Epoxidation	Chiral Induction
Unnatural Amino acid synthesis	Reduction by using NaBH <sub>4</sub> / LiAlH <sub>4</sub>



**RECEPS**

"YOUR TRUSTED PHARMA SOLUTIONS PROVIDER"



**RECEPS LIMITED**

**RESEARCH CENTRE FOR  
PHARMACEUTICAL SCIENCES**

**JAWAHARLAL NEHRU PHARMACY,  
VISAKHAPATNAM, ANDHRA PRADESH**



## BUSINESS MODELS

Our competency allows us to offer services related to Chemical Research & Development, Analytical Research & Development, & Advanced Analytical Testing through diverse business models including but not limited to the following.

- CDMO & CRO
- Full Time Equivalent [FTE]
- Fee For Services [FFS]
- API & Intermediate Development

## GET IN TOUCH

### PHONE

+91 8924 236199

### EMAIL

info@recepts.org

### ADDRESS

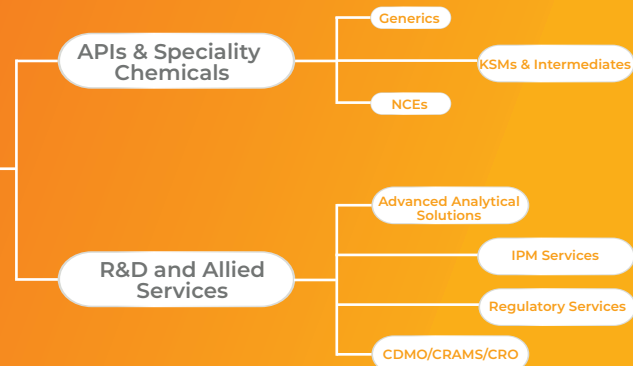
Road No. 13, R&D Building,  
Commercial Hub, JNPC, Parawada  
Mandal, Ankapalli Dist., A.P - 531 019

www.recepts.org



RECEPS Limited, a JV company between Visakha Pharmacy Limited and APIIC, is a pharmaceutical R&D center specializing in Chemical and Analytical Research. It develops safe, cost-effective technologies for intermediates and APIs with advanced facilities and expert scientists.

SOLUTIONS



CHEMICAL DEVELOPMENT:

- 01 Efficient, Cost Effective & Safe manufacturing process development as import substitution.
  - API Development
  - KSM and Intermediates Development
  - Nutraceuticals Development
  - Impurity Synthesis & Isolation
- 02 CRO,CRAMS, & CDMO to support generic and new drug development.
- 03 Safety Study/ Evaluation.
- 04 Drug Discovery – NCE Synthesis.
- 05 CMC for Pre-clinical & Clinical stages (cGMP).
- 06 QSAR & Genotoxic Evaluation for Regulatory Submission.



ANALYTICAL DEVELOPMENT

- 01 Method Development, Validation & Verification – Assay, Impurities, Chiral & OVI.
- 02 Stability Studies – All Climatic Zones (1,2,3&4).
- 03 Qualification of Standards.
- 04 Structural Characterization of Impurities, APIs, Intermediates & KSMs.
- 05 Thermal Studies.
- 06 Identification of Unknown Impurities
- 07 Risk Assessment & Confirmative Testing for Regulatory Submission
  - Genotoxic Impurities
  - Nitrosamine Impurities
  - Elemental Impurities
- 08 Solid State Characterization
  - Physicochemical studies
  - Polymorphic Screening, Quantification and IP evaluation
  - Particle Size Distribution Studies
  - Hygroscopicity Studies



API TECHNOLOGY READINESS

S. NO	NAME OF THE PRODUCT	THERAPEUTIC CATEGORY
1	Mesalamine (API)	Anti-Inflammatory
2	Apixaban (API)	Anticoagulant
3	Rivaroxaban (API)	Antithrombotic
4	Mirabegron (API)	Treatment for Overactive Bladder
5	Tolvaptan (API)	Hypervolemic & euvolemic
6	Ormeloxifene HCl (API)	Oral Contraceptive

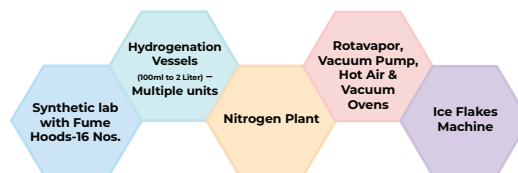
NOTE: WE CAN OFFER INTERMEDIATES OF THE ABOVE API'S

DEVELOPMENT PIPELINE

S. NO	NAME OF THE PRODUCT	THERAPEUTIC CATEGORY
1	Bexagliflozin	Anti diabetic drug (SGLT2) inhibitors.
2	Iptacopan	Paroxysmal nocturnal hemoglobinuria (factor B inhibitor)
3	Sparsentan	Primary Immunoglobulin A nephropathy
4	Fezolinetant	Neurokinin 3 (NK3) receptor antagonist
5	Alpha Lipoic acid	Nutritional Supplements

INFRASTRUCTURE - CRD

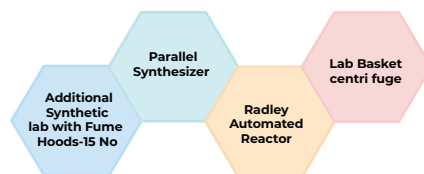
FACILITY IN OPERATION



INTERMEDIATE TECHNOLOGY READINESS

S. NO	NAME OF THE PRODUCT	API	THERAPEUTIC CATEGORY
1	5,6,7,7a-Tetrahydrothieno[3,2-c]pyridine-2(4H)-one hydrochloride [CAS No.: 115473-15-9]	Prasugrel Hydrochloride	Antithrombotic
2	2-Bromo-2-(2-fluorophenyl)-1-cyclopropylethane none [CAS No.: 204205-33-4]	Prasugrel Hydrochloride	Antithrombotic
3	5-[2-Cyclopropyl-1-(2-fluorophenyl)-2-oxoethyl]-5,6,7,7a-tetrahydrothieno[3,2-c]pyridin-2(4H)-one Hydrobromide [CAS No.: 1243654-57-0]	Prasugrel Hydrochloride	Antithrombotic
4	p-Aminophenol [CAS No.: 123-30-8]	Paracetamol	Antipyretic
5	trans-2,2-Dimethyl-3-phenyl-4-(p-hydroxyphenyl)-7-methoxy chroman [CAS No.: 57897-46-8]	Ormeloxifene Hydrochloride	Oral Contraceptive
6	1-[2-Chloroethyl]pyrrolidine Hydrochloride [CAS No.: 7250-67-1]	Ormeloxifene Hydrochloride	Oral Contraceptive
7	4-Oxo-1,4-dihydroquinoline-3-carboxylic acid [CAS No.:13721-01-2]	Ivacaftor	Cystic fibrosis
8	5-Amino-2,4-di-tert-butylphenol [CAS No.:873055-58-4]	Ivacaftor	Cystic fibrosis
9	5-Amino-2,4-di-tert-butylphenol hydrochloride [CAS No.:177786-05-6]	Ivacaftor	Cystic fibrosis

NEW FACILITY



INTELLECTUAL PROPERTY & REGULATORY:

- 01 Intellectual Property Review of the Processes.
- 02 Patent drafting, filing & prosecution.
- 03 Support for Regulatory Submissions.



FUNCTIONAL CAPABILITIES

