

WELCOME TO OUR RELIANCE RASAYAN PVT.LTD

RELIANCE RASAYAN PVT. LTD (RRPL)

RELIANCE RASAYAN PVT. LTD (RRPL) are involved in Research & Development and Pharmaceuticals products and Active Pharmaceutical Ingredients (API's), Intermediates, impurities and standards.

We provide Cost effective services and scientific solutions.


We provide Analytical data to support regulatory filing.

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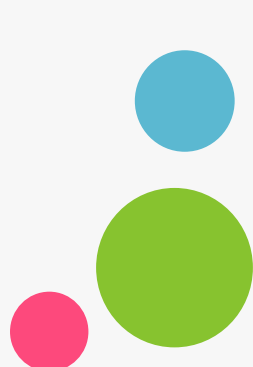
Introduction



The founding of RELIANCE RASAYAN PVT. LTD (RRPL) in 1988 was triggered to chemical field with a passion. To contribute to the noble field of healthcare in 2016 entered in Pharma field.

We at RELIANCE RASAYAN PVT. LTD (RRPL) are involved in Research & Development and Pharmaceuticals products and Active Pharmaceutical Ingredients (API's), Intermediates and impurity/impurity standards. We provide Cost effective services and scientific solutions. We provide Analytical data to support regulatory filing.

Our Vision



To contribute innovation to the pharmaceutical field. Drive the market towards competitive in quality, cost, timelines and lead the way forward for better tomorrow.

Corporate Values - HEALTH

H

High Quality

A quality-oriented product development concept to ensure products high quality

E

Effort

A diligent attitude at work and serious treatment towards each details.

A

Accountability

A fulfilment of social responsibility through creating good EHS environment.

L

Leadership

A high efficient management team to meet the International challenges.

T

Technology

Development of unique and innovative product technology, constant optimization of process.

H

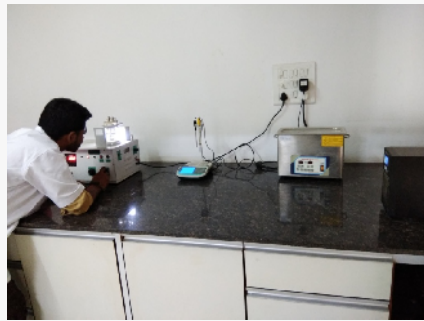
Honesty

A corporate spirit based on integrity and a focus on true values of the products and services.



Research & Development

Research and Development is the backbone of the RRPL. Have right mix of experienced, young and enthusiastic research team to find simple and innovative solutions to critical challenges in synthetic chemistry.



RRPL basically deal with following

- ✓ Active Pharmaceutical Ingredients (APIs) development as per regulatory requirements.
- ✓ APIs intermediates development as per regulatory requirements.
- ✓ Chemical and fine chemical intermediates
- ✓ Pharmacopeia Impurities
- ✓ Non-pharmacopeia impurities
- ✓ Phase Transfer Catalyst (PTC)
- ✓ CRO and CMS product development lab to commercial level.





Impurity isolation and Structure Interpretation



- ✓ We isolate maximum pure impurity from mg to g scale.
- ✓ We offer custom synthesis / process isolation of impurity on requests.
- ✓ All impurity is supplied with certificates of analysis (CoA). Standard certificates contain:
 1. Purity test by either HPLC or GC.
 2. Identification by ¹H-NMR and Mass spectroscopy.
 3. Other test TGA, ¹³C NMR, CHN, IR will be on request.
 4. Genotoxicity test (AMES test and Comet assay) will be provide on request.



Pharmaceuticals products

- ✓ We Manufacture pharmaceutical impurities and supply. Our R&D centre offer plethora of services and impurities.

More than 300 Impurities in Stock and Catalogue of 2000 impurities

- ✓ *USP* impurities
- ✓ *Ph.Eur* impurities
- ✓ *BP* impurities
- ✓ *IP* impurities
- ✓ *Metabolites* impurities



Our Specialist and Infrastructure



R&D Team

PhD - Organic chemistry ●

MSc - Organic chemistry ● ●

MSc - Analytical chemist ●



R&D Infrastructure

- ✓ HPLC
- ✓ GC
- ✓ Karl Fischer
- ✓ pH meter
- ✓ Melting point apparatus

- ✓ 1 L Autoclave
- ✓ 5-10 L Glass assembly
- ✓ All Glassware for R&D
- ✓ 100 L Glass assembly

Scientific Tools

- ✓ Sci-Finder search

Chemistry Expertise

Chemistry expertise

- Alkylation
- Asymmetric catalytic hydrogenation
- Asymmetric ketone reduction
- Boronic acid chemistry
- Bromination
- Catalytic hydrogenation
- Chemical resolution
- Chlorination
- Chiral synthesis
- Condensation
- Cyanidation



Chemistry expertise

- Diazotization
- Fluorination
- Friedel-Crafts
- Grignard reaction
- Halogenation (Br, F, I, Cl)
- Heterocyclic ring formation\
- Hoffman rearrangement
- Indole synthesis
- Isocyanate synthesis
- Michael addition

Chemistry expertise

- Nitration
- Oxidation
- Phase transfer
- Pyridine chemistry
- Pyrimidine synthesis
- Reductions - BH₃
- NaBH₄, DIBAL
- Ring Close
- Suzuki coupling
- Swern oxidation
- Vilsmeier reaction
- Wittig reaction

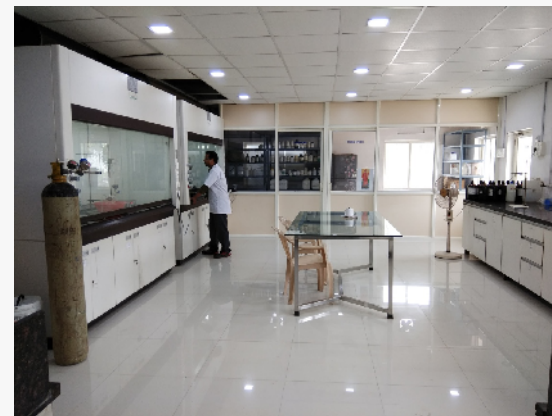
Product list

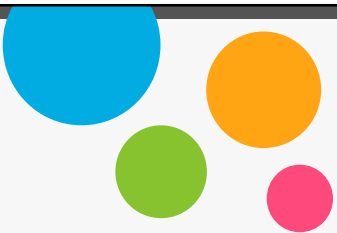
Executed Projects

Product Name	Product Segment
Norfloxacin	Antibacterial
5-Methyl-2-[(2-nitrophenyl)amino]thiophene-3-carbonitrile (CAS No: 138564-59-7)	Olanzapine intermediates
Ethyl triphenyl phosphonium bromide (CAS No: 1530-32-1)	Phase transfer Catalyst (PTC)
Benzyltrimethylammonium chloride (CAS No: 56-93-9)	Phase transfer Catalyst (PTC)
Methyltriphenylphosphonium chloride CAS Number (CAS No: 1031-15-8)	Phase transfer Catalyst (PTC)
4,6-Dichloro-5-(2-methoxyphenoxy)-2,2'-bipyrimidine. (CAS No: 150728-13-5)	Bosentan intermediate
5-Chloro-2-thiophenecarboxylic Acid (CAS No: 24065-33-6)	Rivaroxaban intermediate

Under development Projects

Product Name	Product Segment
Levetiracetam (API)	Anti-epileptic drug
1-(3-Methoxypropyl)-4-piperidinamine (CAS No: 179474-79-4)	Prucalopride intermediate
4-Amino-5-chloro-2,3-dihydrobenzofuran-7-carboxylic Acid, (CAS No : 123654-26-2)	Prucalopride intermediate





Our Clients



Aarti Drugs Ltd
CIN: L37060MH1984PLC055433



SDI
solutions that add up



Acute
research
Innovation... We do, For you!!!



Cleanchem
Laboratories
Driving Sustainability



RXN CHEMICALS
Impurities & Intermediates



CHANDIGARH
PHARMA SERVICES



CONTACT US

Reliance Rasayan Private Limited (RRPL)

**PLOT No 15-J, PHASE III,
G.I.D.C, NARODA AHMEDABAD
GUJARAT 382330, INDIA**

**Mail: contact@rrplpharma.com
Phone: +91-79-29701875,
www.rrplpharma.com**





RELIANCE
RASAYAN PVT. LTD.

SINCE 1988



- ✓ Active Pharmaceutical Ingredients (API)
- ✓ Pharmaceutical Advanced Intermediates
- ✓ Process Development, Optimization
- ✓ Contract Research

- ✓ Custom Synthesis
- ✓ Large scale Column chromatography
- ✓ Impurity synthesis and characterizations
- ✓ Analytical development

**BE A PART OF
RELIANCE RASAYAN
AND
HELP US IN BUILDING
A NEW YOU**

Thank You