

www.chemgenpharma.com



CHEMGEN
PHARMA
INTERNATIONAL 

globalising research through partnership



Chemgen Pharma International

serves the global pharmaceutical and biotechnology companies with innovative chemistry expertise, reliable and flexible resources. Since our inception in 2004, we have built a state-of-the-art infrastructure with highly experienced and committed team members to ensure our customers continuously receive superb benefits through our superior quality services and competitive pricing - enabling them to operate efficiently and profitably.

innovative chemistry
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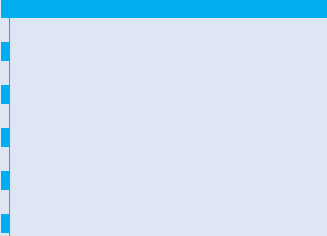
| Chemgen Pharma
Scientist at work



state-of-the-art facilities with highly experienced and committed team members



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Welcome to Chemgen Pharma



When it comes to helping you gain market share, we understand that time-to-market is critical and cost of research and development must be controlled. Since inception, we have maintained a reputation for working with our customers as true partners - providing high quality solutions at a competitive price and service level.

Trust and reliability remain the decisive criteria for building up business relations with our global customers. To this end, our focus remains steadfast on the following principles:

TRUST: We measure our business success on long-term relationships and work to earn trust through outstanding service, integrity and credibility.

SERVICE: We are committed to delivering high quality services consistently.

CONFIDENTIALITY: All work is performed under non-disclosure and confidentiality agreements, tailored and structured to customers' requirements. Our customers have sole ownership of Intellectual Property (IP) arising from contract work.

RESPONSIVENESS: We thrive on challenges and their solutions. We constantly strive to give 100% attention to your concerns.

COMMUNICATION: We provide seamless flow of information to our clients, following their preferred communication protocols.

What we do

At Chemgen Pharma we are committed to providing scientifically sound and error-free services that contributes to our customers' success. We offer powerful resources to support their R&D processes - helping them accelerate business excellence and enabling them to operate more efficiently and profitably.

Applying our innovative expertise with extensive experience from our seasoned team members, we offer our customers chemistry services in the following areas:

- Medicinal Chemistry
- Custom Synthesis
- Library Chemistry Services
- Scale-up Synthesis (Kilo-lab)
- Analytical Services



delivering
substantial value
to our customers
every day.

Our Expertise

Medicinal Chemistry

Medicinal Chemistry is a major tool in drug discovery and widely used for identifying candidates for clinical trials. At Chemgen Pharma, we go beyond routine organic synthesis. We offer hit-to-lead and lead optimization services to our pharmaceutical and biotechnology clients. We couple our expertise in tackling complex synthetic routes to biologically relevant compounds with our parallel synthesis/library generation capabilities to deliver efficient and cost-effective medicinal chemistry services to clients around the world. Our researchers possess core competencies in all aspects of medicinal chemistry including:

- Organic Synthesis
- Structure-based Drug Designs
- Peptide Mimetic
- Hit-to-lead Translation
- Lead Optimization

Custom Synthesis

At Chemgen Pharma, we handle the design and synthesis of biologically relevant heterocyclic systems through asymmetric synthesis, peptide chemistry and total synthesis of natural products. Our custom services include the following:

- Custom Synthesis of Reference Compounds
- Custom Synthesis of Scaffolds
- Custom Synthesis of Building Blocks
- Custom Synthesis of Novel Reagents and Intermediates
- Compounds for Metabolites Studies
- Peptide Synthesis

Scale-up Synthesis (Kilo-Lab)

We have a well-established kilo laboratory for the synthesis of compounds in multi grams to kilograms level. The lab is well equipped with 50 L glass reactor and two 20 L glass reactors with distillation facility. Other facilities include two 20L Buchi rotavapors and high capacity chromatographic columns.

- Scale-up Chemistry (1 to 10 Kgs)
- Process Development
- Process Optimization
- Impurity Synthesis and Purification

Our Expertise

Library Chemistry Services

Chemgen Pharma offers flexible means of producing high-quality, small to medium sized libraries while adhering to tight timelines. We understand that New Chemical Entities require new and flexible approach to produce novel building blocks, scaffolds and reference compounds. Since our inception, we have gained considerable experience in making over one hundred molecule libraries in solid and solution phases for our customers.

From hit-to-lead, lead optimization to patent exemplification, parallel synthesis of focused libraries are generated to meet our customers' needs. Our expertise in library synthesis includes:

- Comprehensive Libraries Design
- Focused Libraries Design
- Exclusive Libraries Design
- Semi-exclusive Libraries Design
- Solid Phase Synthesis
- Solution Phase Synthesis

Analytical Services

At Chemgen Pharma, our laboratories are supported by fully equipped in-house analytical department. Our experienced analytical professionals are committed to ensuring the quality and purity of our products. We are well equipped with 500Mz NMR, LCMS/MS, HPLC, IR machines to meet the research and development challenges and maintain the quality of the samples specifications of our customers.

The key areas of our focus include:

- Spectroscopic Capabilities using NMR and MS/MS Experiment
- Chromatographic Capabilities
- Purification Capabilities
- Preparative HPLC with enantiomeric separation facility
- Analytical Method Development



Quality Assurance



At Chemgen Pharma, the quality of our products and services is our top priority. We strive for continuous improvements to exceed our customers' expectations. Our internal quality assurance program focuses on frequent staff and management training, the adequacy of our laboratory environment, the safety protocols, storage control, record keeping, maintenance and calibration of our laboratory instruments, and the use of technically validated and properly documented methods.

We remain committed to total customers satisfaction. Our promise is on-time delivery, within budget and with the highest degree of purity in our products.

Confidentiality & Protection of IP

Ensuring complete customer confidentiality and protection of Intellectual Property (IP) is imperative at Chemgen Pharma.

All confidential information provided to us are used solely in connection with execution of services for our customers. We do not disclose it at any time without prior written consent. All confidential information remains the property of our customers. Our corporate policy makes it mandatory for all our scientists to sign a confidentiality agreement.





Our Infrastructure

Our laboratories in Kolkata, India were built based on international level expertise and capabilities. Our focus remains on a commitment to routinely investing in facilities improvements, laboratory equipment, and process improvements. Our team comprises of highly experienced researchers and scientists with a passion for innovation and a commitment to delivering high-quality services on time - every time.

The features of our current facilities include the following:

- Five synthetic chemistry laboratories
- One scale-up laboratory
- Two analytical laboratories
- Hydrogenation room - hydrogenators including autoclave and all other essential laboratory equipment
- 1L-20L Buchi Rotovaps
- 250ML-5L high pressure reactor
- Entire laboratories and service areas are centrally air conditioned with efficient air flow velocity
- Our laboratories are fully installed with imported as well as indigenous fume hoods
- Effective scrubbing systems are installed to ensure environment and health safety
- Library well organized with hard copies of many chemical journals, books, etc.
- Access to SciFinder, Beilstein and online ACS Journals
- Conference center fully equipped with video conferencing systems
- Three levels of power back-ups:
 - 1st level - 60 kVA and 30 KVA UPS,
 - 2nd level: 150 KVA diesel generator and dedicated UPS for critical instruments
- Our IT infrastructure is powered by IBM X Series rack servers, Firewall, VPN, IBM M-Pro workstation





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