

Syngene

Putting Science to Work

Chemistry Process Research Lab for Drug Discovery

Science
For People
**ADVANCING
INNOVATION**

Rapid, Scalable Synthesis
from Milligrams to Kilograms
with Speed, Flexibility, and
Seamless Tech Transfer



Syngene offers a comprehensive solution for discovery services for producing chemical compounds at a small to a larger scale for pre-clinical tox studies, medicinal chemistry, and integrated projects. This lab service is the bridge between drug discovery and drug development when a faster delivery of chemical compounds (mg to kg) is required. The focus is on the delivery of good quality chemical compounds at a lower project cost for our customers supporting a seamless transition from drug discovery to development.

The facility has digital-paperless operations, remote operations for analytical, a shift-based working model, a streamlined business continuity plan, and process optimization. These ensure that the turnaround time is faster while keeping the costs low.

Additionally, it supports all flexible business models like custom synthesis (fee for service), short time FTE, and time & material. Syngene's flagship sustainable safety initiative that embeds EHSS systems and processes to every aspect of the lab operations is also by default extended to the facility protecting our employees, contractors, equipment, infrastructure, and our client's projects.



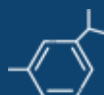
Supports Complete Spectrum of Chemical Industries



Pharmaceuticals



Agrochemicals



Peptides &
Oligonucleotides



Antibody-Drug
Conjugates



Speciality
Chemicals



Organic
Electronic
Materials



Carbohydrates

Facility Highlights

The lab is recognized by DSIR (Department of Scientific and Industrial Research), Ministry of Science and Technology, Government of India as a R&D unit. It hosts state of the art facilities including:

- Hydrogenation / carbonylation facility
- Flash purification system from mg to kg
- Dedicated analytical instruments including preparative SFC, preparative normal and reverse-phase HPLC, and mass-based purification
- Sublimator, recycle-GPC, GPC, latest NMR with Cryo-Prodigy prop for faster and sensitive analysis in hetero-nuclear experiments
- Triple jacketed glass reactors, two chillers with a temperature range of -90°C to 200°C , vacuum drying oven and flash purification for kilogram scale

Salient Features

- Around 80+ dedicated, highly qualified, and experienced team working on a shift model for on-time delivery
- Uninterrupted support from analytical team with a remote operations model
- Lab space in multiple buildings in a multicity format to ensure business continuity
- Faster delivery with better process optimization
- Co-location of the lab with development for quicker technology transfer in case large quantity is required
- All paperless digital operations including electronic lab notebooks for data security
- Faster turnaround time for proposals – average 2 – 4 days from the receipt of request
- Assessment of all risks and safety elements at the proposal stage as pre-emptive safety measure
- Effective implementation of QUOTIF (Quantity On Time In Full) for delivery





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About Syngene

Syngene International Ltd. (BSE: 539268, NSE: SYNGENE, ISIN: INE398R01022) is an integrated CRDMO (Contract Research, Development and Manufacturing Organization), serving the global pharmaceutical, biotechnology, nutrition, animal health, consumer goods, and specialty chemical sectors. Syngene's ~6000 scientists bring the skills and capacity to deliver great science, strong data security, and quality manufacturing, at speed, helping improve time-to-market and lower the cost of innovation. This is backed by ring-fenced dedicated centers, as well as ~3 Mn sq. ft. of specialist discovery, development, and manufacturing facilities.

For more details, visit www.syngeneintl.com or write to us at bdc@syngeneintl.com

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