



We research, develop,
and manufacture
high-quality
intermediates and
medicines for our clients
across the globe.



Orbiton Life Sciences

Improving lives
with chemistry

Contact Us


No 91, Floor No G1, Maheshwar
Nagar, Sithalapakkam,
Chennai-600126

AIC, IISER, Dr Homi Bhabha Rd,
Pashan, Pune-411008

www.orbitonls.com
Tel: +91 6385108378
email: info@orbitonls.com

Orbiton Life Sciences

Improving lives
with chemistry



We are innovation partner of your R & D team, help to solve new and existing chemical process

About Orbiton Life Sciences

We are contract research, development and manufacturing organization providing products and scientific services to a wide range of industrial sectors, including pharmaceutical, biotech, and chemical industries. We apply innovative, sustainable, and cost-efficient technologies to create unique value and advance competitiveness for our clients across the globe. Our research and development (R&D) services are individually tailored to fit each project and ultimately reach our clients' goals in the most efficient way.

Why Choose Us

Our Mission and Vision

We want to be a collaborative and innovative partner of chemical, pharmaceutical, and biotech industries who are striving to accelerate their R&D processes using advanced technologies.

- We want to keep growing with new opportunities by developing the best-in-class research and manufacturing facility and investing in cutting edge, state of art technologies.
- We aim to develop long-term relationships with our clients and continuously create value for them.



Our Services

Synthetic Chemistry

- Contract research synthesis
- Custom Synthesis
- Impurity synthesis
- Custom peptide synthesis
- Oligonucleotide synthesis

Drug Discovery

- Hit generation
- Hit-to-lead
- Lead optimisation
- Library synthesis
- Computational Chemistry


Discovery Biology

- In vitro biology services
- DMPK ADME Studies
- Pharmaceutical microbiology testing
- In vivo Pharmacology
- Toxicology studies

API Development

- Route scouting
- Process R & D
- Commercial manufacturing
- Impurity profiling
- Eco-friendly synthetic route

Consulting



Our company is focused in the delivery of innovative chemistry solutions to our clients.

Our Technologies

We use a combination of flexible tools and automated technologies to tackle a wide range of R&D processes and production challenges. We understand our clients' requirements to work closely with them and design customized solutions. With our in-house automated technologies, advanced computational methods and highly skilled chemists, and a strong partnership with clients, we produce fine chemicals, pharma intermediates, active pharmaceutical intermediates, bio and polymeric materials, performance and speciality materials.

Automation

We work with emerging and smart technologies to positively transform our clients' business operating models in a cost-effective manner and within a short turnaround time.

Photochemistry

We use photochemistry (coupled with flow chemistry if required) for the synthesis of pharma intermediates and fine chemicals as photochemical reactions, often fast and selective, potentially reduce the cost. Most importantly, such reactions are environmentally sustainable.



Flow Chemistry

We ensure low-cost chemical production by running chemical reactions in a continuously flowing stream that also allow the safe application of extreme reaction conditions and offer a high level of reaction control.

Biocatalysis

We enable the development of safe scaling up of catalytic processes in combination with flow chemistry for various manufacturing processes. We use biocatalysts as a sustainable synthetic catalytic technology for the production of optically active molecules which are useful in pharmaceutical, biotechnology, and fine chemical industrial purposes. We also produce structurally very complex molecules by biological means through a carefully designed special culture media.