

For over two decades, Sai Life Sciences has been a trusted partner for synthetic and medicinal chemistry services. Our synthetic chemistry capability spans a broad range of chemotypes, and includes complex natural products. We invite you to connect with us to discuss how our track record, combined with our flexibility and transparency lead to well informed and timely decisions.

Highlights

- 90+ clients across start-ups, medium & large pharma
- 350+ team of synthetic and medicinal chemists
- 15 programs advanced to Investigational New Drug Application (IND) filing & beyond
- Robust Intellectual Property (IP) protection
- Robust integrated platform packages combined with Computational Chemistry, DMPK, Toxicology, and Biology services

Key Services

- Design and synthesis of analogues to support lead generation and optimization
- Design and synthesis of focused libraries
- Preparation of building blocks/key intermediates
- Synthesis of reference compounds, metabolites and impurity markers
- Computer-aided drug design (CADD)

Intelligent Lab Design to achieve safety and productivity

- Ergonomically designed with logical workflows
- In built Lean & 5S approaches
- Dedicated analytical support for each lab
- Compliant storage for solvents and chemicals
- Easy access to related capabilities – safety evaluations, technology platforms & scale-up
- Fume hoods meeting global safety standards of containment
- Each self-contained lab supports 26 chemists, and is equipped with:
 - 26 state-of-the-art fume hoods with all safety features
 - Dedicated LC-MS for reaction monitoring Radleys Parallel Synthesizers
 - 5 CombiFlash®
 - Units for lab purification
 - A Microwave reactor with auto sampler
 - A Photoreactor
 - Julabos, Syringepumps,
 - Refrigerators for compound storage & management, Rotavaps

Experience across wide range of chemistries

- Asymmetric synthesis
- Biotinylated/BODIPY/Fluorescein labelled compounds
- Carbohydrates & Azasugars
- Chiral pool synthesis
- Drug conjugates for ADCs
- Heterocycles
- Isotope labelled (¹³C & ²D) synthesis
- Lipids & PEG-chemistry
- Macrocycles
- Natural products, Nucleosides & Nucleotides
- Peptides
- PROTACs
- Chemical probes
- Steroids

