

**AsisChem** employs an international team of Ph.D. chemists who have decades of organic synthesis experience in both industrial and academic settings. Our areas of expertise include:

## Medicinal Chemistry & Drug Discovery

- Analyze SAR and ADME-Tox data
- Optimize hit scaffold(s) based on target activity and drug-like properties
- Design targeted analogs for Hit-to-Lead and Lead Optimization
- Synthesize focused libraries of analogs

## Custom Synthesis

- Synthesize known intermediates quickly and efficiently
- Design new synthetic routes to create custom molecules
- Run feasibility studies to determine the viability of synthetic routes

Perform comprehensive literature surveys

Purity and structure confirmation via  
1H-NMR, elemental analysis,  
Mass Spec, HPLC

## Scale-up and Process Development

- Reduce time and cost by improving synthetic schemes
- Increase yields through reaction optimization
- Transfer laboratory scale work to the pilot plant and production scale
- Scale-up to 100's of kilos

## Academic Discovery Programs

- Reduced FTE rates for all services
- Close collaboration with researchers
- Assist with grant writing
- Facilitate commercialization of research programs

### What our customers say:

“ After working with **AsisChem** for over a year, we chose their team to be the main provider of custom chemistry services for our drug discovery programs. Their expertise in synthetic chemistry has proved invaluable to us. ”

**Avishai Levy, CEO, Proteologics**

“ We were able to synthesize more compounds than we expected based on offers from other custom synthesis companies. This gave us the opportunity to successfully explore more research avenues than we originally thought possible. ”

**Carlos E. Pedraza, Postdoctoral Fellow, The Cleveland Clinic**

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