

## Custom Library Synthesis

Rapid synthesis of focused, mid-size compound libraries with high purities, using wide range of in-house available building blocks.

Capability for design & execution with quick access to inventory | Parallel synthesis, work up & purification | Mass directed purification systems for faster TAT

## Why Aurigene Pharmaceutical Services?



Quick access to inventory



Fast turnaround time



Quick initiation of small libraries and scaffold synthesis



Parallel synthesis



Design and synthesis of partial PROTAC libraries

## **Capabilities:**

- Standard transformations like amidations, reductive aminations, alkylations, C-C, C-O and C-N bond transformations etc.
- Heterocyclic chemistry including the synthesis of almost any 5 or 6 membered ring analogues.
- Scaffold synthesis in multigram scale for parallel diversification.
- Protection and deprotection strategies, customized for acid-mediated, neutral or base-mediated post-library works.
- Routine transition metal-mediated reactions including Suzuki, Stille, Heck etc have been executed in focused libraries.
- >80% success rate in many critical transformation like C-C, C-N bond and amide couplings









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