

# Your Partner for Flow Chemistry Solutions



Improved Safety



Green Chemistry



Better Chiral  
Selectivity



Shorter Time



Reduced Cost



Experienced Team

## Flow Chemistry

Recently there is a paradigm shift from batch manufacturing to continuous manufacturing.

Hazardous reactions like Nitration, Azide Chemistry, Halogenations can be handled safely and efficiently.

Cryogenic reactions: N-Butyl Lithium reaction/DIBAL reduction/Grignard reaction can be performed at sub-zero temperatures.

Other uses are Kinetically Fast, toxic and runaway reactions where better process control is required, High temperature Epimerization, and Alkylations and Flow photo reactions.

## Infrastructure

- Corning AFR (Glass LFR for process development)
- Tubular reactor in PFA and SS316 MOC
- Tubular reactor with static mixer (PFA & SS316 MOC)
- Tubular flow crystallizer with mixing by design
- Fixed Bed Reactor (up to 250 mL fixed bed column)

## Highlights

- Safe operation with very low handling volume
- Process efficiency with improved yield and high selectivity with reduced solvent quantity
- Reliable and consistent results with high throughput
- Efficiency in product delivery to achieve speed
- Greener and more economical processes

## Capabilities

- Greener approach with capabilities encompassing screening, lab development and piloting
- Capability to process multi kilograms scale (up to 5-10 Kg)
- Dedicated team of experts for flow process development
- Optimization of an existing process
- Strong collaboration with leading flow reactor vendors
- Proven track record in technical problem-solving for leading global pharma and biotech companies

Let's begin the  
conversation

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