

Analytical chemistry at WuXi AppTec provides analytical and separation services to support discovery and process chemistry.

WuXi AppTec is a global leader in providing discovery, testing and manufacturing services for the pharmaceutical, biotechnology and medical device industries. Research-driven and customer-focused, with operations in China and the U.S., WuXi AppTec offers a broad and integrated portfolio of services designed to assist our customers with cost-effective and efficient outsourcing solutions.

Chiral Separation Services

- Systematic method development approach – column/mobile phase screening technology by SFC and HPLC
- Preparative separations using SFC and HPLC platforms
- AD, OD, AS, OJ, IC columns up to 5 cm diameter
- Rapid turn-around time – able to deliver separated isomer within 5 working days

Large-Scale Chromatography Separation Services

- Both chiral and achiral
- SFC, HPLC, MPLC platform with columns up to 11 cm diameter
- Capability to separate kilograms per day

High-throughput Purification Services

- MS and UV triggered Prep HPLC fraction collection
- Standard LC-UV-ELSD-MS platform for QC of isolated compound
- Capability to purify and characterize 1,000,000 compounds annually

Natural Product Purification

- Method development and validation
- GLP compliance
- Gram-to-kilogram natural product purification capability

High-throughput Physical Property Determination

- Thermodynamic and kinetic solubility
- Log P/log D determination utilizing shake-flask or chromatography method
- Pka determination

Isolation and Structure Elucidation for Impurities

- Isolate impurity by various methods including HPLC, SPE, LLE, etc.
- Elucidate structure by the combination of various analytical techniques, including NMR, LC-TOF MS, EA, IR, etc.

WX
LISTED
NYSE



For more information on WuXi AppTec's services please contact:

U.S.
+1 (651) 675 2000 • +1 (888) 794 0077
info@wuxiapptec.com

China
+86 (21) 5046 2477
customer_service@wuxiapptec.com

www.wuxiapptec.com