

Research and Commercial Manufacturing Services



Phase II

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.

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Visualization of SynTheAll Pharmaceuticals, GMP-quality Manufacturing Plant

ISO 9001:2000 and China SFDA GMP Manufacture Certified Multi-purpose Plant

- > Two isolated API finishing areas: classified at 100,000
- > Cryogenic capability as low as -78°C
- > High-temperature capability as high as 300°C
- > GMP kilo labs (classified at 100,000 for handling API production)
- > High pressure reaction capability
- > Bilingual SOPs and Q7A guided
- > Backup power supply
- > Customer-focused project management
- > Flexibility in production scheduling

Typical Reactions

Acylation	Esterification
Alkylation	Formylation
Amidation	Grignard reaction
Amination	Friedel-Crafts reaction
Asymmetric synthesis	High pressure reaction
Bromination	Hydrogenation
Chlorosulfonation	Low temperature reaction (-78°C)
Carboxylation	High Temperature reaction (300°C)
Condensation	Mannich reaction
Cyanation	Nitration
Cyclization	Wittig reaction

Research Manufacturing

Reactors ranging from 500 L to 3,000 L.

Commercial Manufacturing

Reactors ranging from 8,000 L to 20,000 L.



API Finishing Area



Pilot Plant Area II



Pilot Plant Area I

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