

# API Manufacturing

**W**uXi AppTec is a leading global pharmaceutical, biopharmaceutical, and medical device outsourcing company with operations in China and the United States. Shanghai Syn-The-All Pharmaceutical Co. Ltd. ("STA") is a wholly owned subsidiary of WuXi AppTec which provides "end-to-end" API development and manufacturing services including chemical synthesis route selection, process optimization, scale-up process research and is capable of producing intermediates and APIs from gram to metric ton scale.



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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## State-of-the-Art cGMP Pilot and Commercial Scale Manufacturing Facility in Jinshan, Shanghai

	# of Production Bays	# of Reactor Units	Capacity (m <sup>3</sup> )	Reactor Size Range	Working Parameters
Pilot Plant A	3	38	51	100 L – 3,000 L	- 80 to 300 °C Up to 1500 psi
Pilot Plant B	6	27	60	500 L – 5,000 L	- 80 to 300 °C
Commercial Plant	4	29	234	3,000 L – 20,000 L	- 90 to 150 °C Up to 300 psi

- Class 100,000 isolated API finishing areas
- Expertise with a wide range of difficult chemistry including air and water sensitive catalysis, RCM, asymmetric hydrogenation, etc.
- 24/7 operation
- Fully automated control system (Distribution Control System)
- Efficient vertical design
- Onsite Process development, QA and QC support

## Commercial Scale Manufacturing Facility in Changzhou, Jiangsu

# of Production Bays	Capacity (m <sup>3</sup> )	Reactor Size Range	Working Parameters	Working Parameters
2	110	500 L – 5,000 L	- 90 to 150 °C	Dedicated to non-GMP production of raw materials and intermediates

**End-to-End API development and manufacturing capability ensures a seamless transition from laboratory-scale to commercial-scale**



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

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