

# Chemistry Service Unit

## Natural Product Center

**C**enter of Natural Products (CNP) at WuXi AppTec is specialized in natural products isolation, characterization and the production of natural/derived libraries, phyto-chemical reference standards and natural ingredients. CNP provides these and integrated discovery and development services for pharmaceutical, agrochemicals, cosmetics and other industries engaged in natural products.



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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### CNP's Products and Capabilities

- Natural Product/Derived Libraries
  - Natural Product Library (NPL)
    - Large and expanding NPL contains over 1,800 compounds;
    - Applicable indications include antibacterium, anti-virus, anti-cancer and antioxidant, etc.
    - Starting material selected based on TCM formulation with verified efficacy and safety.
  - Natural Product Derived Library (NPDL)
    - More than 2,500 NPDL compounds are available from stock;
    - 3,000 NPDL compounds are under development;
    - All compounds designed based on known natural compounds with promising activities
- Natural Ingredients
  - Anthocyanins and Anthocyanidins
    - A leading provider with 55 different compounds from a variety of sources
    - Additional 15 products currently under development
    - Most can be supplied in large scale, at globally competitive prices
  - Cycloastragenol and Astragaloside IV
    - CNP provides unique access to a high quality source
    - All material obtained from Organic GAP farm, without any contaminations.
    - For details, please click our website: <http://www.wuxiapptec-nprc.com>

Drug Discovery • Agrochemicals • Cosmetic Agents • Food Additives and Ingredients

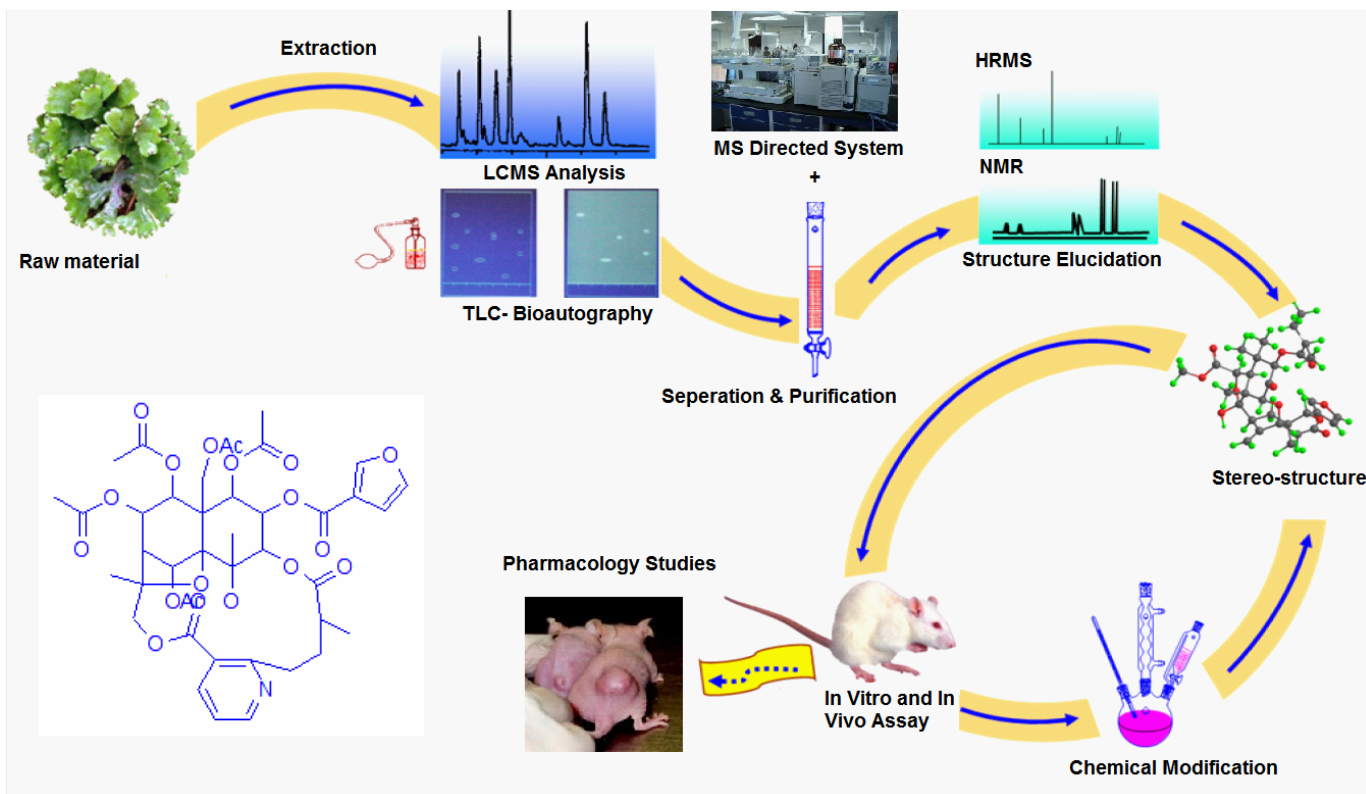
For more information on  
WuXi AppTec's services  
please contact:

North America / Europe  
+1 (651) 675 2000 • +1 (888) 794 0077  
info@wuxiapptec.com

China  
+86 (21) 5046 2477  
customer\_service@wuxiapptec.com

[www.wuxiapptec.com](http://www.wuxiapptec.com)

## Flow Chart of Integrated Services



## CNP's Services and Capabilities

### Services in Natural Products isolation

- Raw material selection and outsourcing;
- Analytical methods development for raw material, crude extracts; fractions and final products;
- Extract method optimization and purification by all kinds of technologies;
- Characterization for chemicals and reference standards development;
- Bioassay guided fraction study to identify active components;
- From bench top studies to scale up for commercial production

### Capabilities

- ISO/IEC 17025 accredited Test Center with HPLC, GC, TOF, 400 MHz NMR, SFC and LC/MS which can meet the requirements for quality control;
- SFE, SFC and a wide selection of chromatographic systems are available.



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

**North America / Europe**

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info@wuxiapptec.com

**China**

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