



# Core Analytical Services

Providing high quality, efficient, and cost-effective integrated analytical services.

<http://rsd.wuxiapptec.com>

Fast  
Competitive  
Comprehensive



### Center of Natural Products (CNP)

Extraction, analysis, purification, and identification of various natural products.



### Regulated Analytical Research Services

Drug substance/product services  
Stability studies  
Reference material standardization



### WuXi Separation Center

Chiral and achiral separations by SFC and HPLC from mg to hundreds-kg scale purification.



### Impurity Isolation and Identification

Isolation and identification of impurity/degradant of APIs or DPs



### Other Services

ASMS, X-ray, Solubility, LogD, LogP, pKa



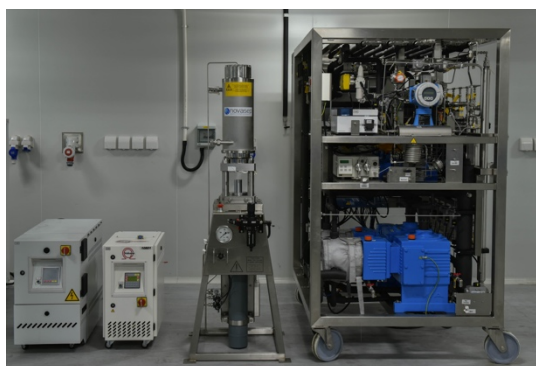
Preparative HPLC



Analytical SFC

## Why choose WuXi Core Analytical Services?

- |  |                                 |
|--|---------------------------------|
| ✓ Chiral separation (mg to multi kg)   | 15,000<br>samples each year     |
| ✓ High-throughput purification   | 700,000<br>compounds annually   |
| ✓ Structure confirmation/elucidation (HRMS, 1D/2D NMR)   | 1,800,000<br>compounds annually |
| ✓ Physicochemical property determination (pKa, LogP/LogD, and thermodynamic and kinetic solubility, concentration)           | 30,000<br>compounds annually    |
| ✓ Natural products extraction, purification, structure identification and quality analysis                                   | 2,000<br>compounds annually     |
| ✓ Isolation and structure elucidation for impurities of regulatory starting materials, intermediates, APIs and drug products | 500<br>impurities annually      |



Preparative SFC



Open access lab



5 Sites  
500+ Analytical scientists

## Contact

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Research Service Division (RSD)  
Enabling Unbounded Possibilities