



Core Analytical Services (CAS)

A comprehensive analytics platform delivering rapid,
cost-efficient, & reliable services



CAS high-end
instruments **1,500+**



Technical teams with
nearly **1,000** professionals



CAS laboratory space
approximately
29,000 Square meters



Reaction monitor and quality control

Open-access HPLC, LCMS, GC/GCMS, 1HNMR etc. **0.5-2 hr** turnaround



High-throughput purification

RP-HPLC, NP-HPLC; mg to multi-kg scales; **600-800k** compounds annually



Chiral separation services

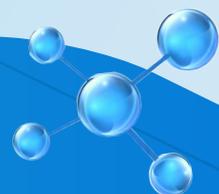
SFC, HPLC; mg to multi-kg scales; **40-60k** compounds annually



Contact us

 <https://rsc.wuxiapptec.com>

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Integrated structure elucidation platform

HRMS, 1D/2D NMR; absolute stereochemistry determination (single crystal x-ray, VCD)



Analytical testing capabilities

IR, UV, KF, ROI, DSC, TGA, XRPD, OR, IC, ICPMS, XRF, HRMS, Isotopic Purity, GCMSMS, LCMSMS, etc.



Physicochemical property determination

High quality pH, LogD/LogP, solubility, pKa, EPSA testing;
15,000+ compounds annually



Polymer analytical platform

Mw, Mn, PDI, DP determination by GPC-Mals, Maldi-TOF, NMR-DOSY, etc.; **50+** general methods



Natural products services

Bioactive molecules isolation from plant extract, in mg to kg scales; **1,800** library compounds in stock