

FY24 Medicinal Chemistry (MedChem) Services and Fees

Prices will increase by 3% per each fiscal year

The pricing structure listed below is effective as of July 1, 2023. Highly customized or non-standard projects may incur additional fees. Please consult the core for a quote for non-routine projects.

Synthesis:

Reaction (10-500 mg)	\$34.77/hour
Reaction (0.5–1 gram):	\$34.77/hour
General workup (10-500 mg):	\$139.11/step
General workup (0.5-1 g):	\$231.86/step
Column chromatography (10-500 mg):	\$139.11/step
Column chromatography (0.5-1 g):	\$231.86/step

Example pricing of a typical 5-step synthesis project (0.5-1 g):

[\$34.77/hour x 6 hours (mean reaction time for one reaction) + \$231.86/step x 2 steps + \$46.37/analytical assay x 2 assays = \$765.08/step] x 5 steps = \$3,825 + costs of starting materials and special reagents.

Example pricing of a typical 5-step synthesis project (20-50 mg):

[\$34.77/hour x 6 hours (mean reaction time for one reaction) + \$139.11/step x 2 steps + \$46.37/analytical assay x 2 assays = \$579.58/step] x 5 steps = \$2,898 + costs of starting materials and special reagents.

Instrumental Analysis:

1H and 13C NMR:	\$46.37/sample
MS (ESI) or LC/MS:	\$46.37/sample
HPMS:	\$46.37/sample
Melting Point:	No charge for internal users
Specific Rotation:	No charge for internal users

Other Services:

Synthetic Route Design:	\$23.20/design
Starting Materials and Special Reagents:	Must be provided by users
Ordering Fee, special materials:	\$11.60/order
Drug Screening Method Determination:	\$112.55/design
Aliquoting samples	\$2.00/per aliquot/per sample
ELISA screening (labor, without materials)	\$22.50/per sample/per well
Chemical handling/storage fee	\$16.00 (up to 5 chemicals/yr.)
Janus HighThroughput robot*	\$92.74/run
Literature Search Report:	\$57.97/report
*Robot: users must provide all disposables/reagents; hourly fee for robot use only, does not include labor, consumables or PPE	
Write-Up for Reports, Publications, etc.	\$115.93/report
Consultation:	\$34.77/hr. consult
Quote Development:	No charge

External users (academic or commercial) markup, for synthesis services only:

External, academic	35%
External, commercial	50%
External, product handling and delivery:	\$57.97/delivery

Please contact the core director for rates for additional consultation and instrumental analytical services.