



## FY22 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, 2021. Highly customized or non-standard projects may incur additional fees. Please consult the core for a quote for non-routine or special projects.

### Synthesis:

Reaction (10-500 mg)	\$32.78/hour
Reaction (0.5–1 gram):	\$32.78/hour
General workup (10-500 mg):	\$131.13/step
General workup (0.5-1 g):	\$218.55/step
Column chromatography (10-500 mg):	\$131.13/step
Column chromatography (0.5-1 g):	\$218.55/step

### Instrumental Analysis:

1H and 13C NMR:	\$43.71/sample
MS (ESI) or LC/MS:	\$43.71/sample
HPMS:	\$43.71/sample
Melting Point:	No charge
Specific Rotation:	No charge

### Labor:

No charge

### Starting Materials and Special Reagents:

Must be provided by users

### Ordering fee, special materials:

\$10.93/order

### Literature Search Report:

\$54.64/report

### Consultation:

\$32.78/hr. consult

### Quote Development:

No charge

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

[\$32.78/hour x 6 hours (mean reaction time for one reaction) + \$218.55/step x 2 steps + \$43.71/analytical assay x 2 assays = \$721.2/step] x 5 steps = \$3,606 + costs of starting materials and special reagents.

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

[\$32.78/hour x 6 hours (mean reaction time for one reaction) + \$131.13/step x 2 steps + \$43.71/analytical assay x 2 assays = \$546.36/step] x 5 steps = \$2,731.8 + costs of starting materials and special reagents.

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

External, academic	35%
External, commercial	50%

Please contact the Core Director for rates for additional consultation and instrumental analytical services.