**FY25 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, 2024. 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) $35.81/hour

Reaction (0.5–1 gram): $35.81/hour

General workup (10-500 mg): $143.28/step

General workup (0.5-1 g): $238.82/step

Column chromatography (10-500 mg): $143.28/step

Column chromatography (0.5-1 g): $238.82/step

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

[$35.81/hour x 6 hours (mean reaction time for one reaction) + $238.82/step x 2 steps + $47.76/analytical assay x 2 assays = $788.02/step] x 5 steps = $3,940 + costs of starting materials and special reagents.

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

[$35.81/hour x 6 hours (mean reaction time for one reaction) + $143.28/step x 2 steps + $47.76/analytical assay x 2 assays = $596.96/step] x 5 steps = $2,985 + costs of starting materials and special reagents.

**Instrumental Analysis:**

1H and 13C NMR: $47.76/sample

MS (ESI) or LC/MS: $47.76/sample

HPMS: $47.76/sample

Melting Point: No charge for internal users

Specific Rotation: No charge for internal users

**Other Services:**

**Synthetic Route Design:** $23.90/design

**Starting Materials and Special Reagents:** Must be provided by users

**Ordering Fee, special materials:** $11.95/order

**Drug Screening Method Determination:** $115.93/design

**Aliquoting samples** $2.06/per aliquot/per sample

**ELISA screening (labor, without materials)** $23.18/per sample/per well

**Chemical handling/storage fee** $16.48 (up to 5 chemicals/yr.)

**Janus HighThroughput robot\*** $95.52/run

**Literature Search Report:** $59.71/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.** $119.41/report

**Consultation:** $35.81/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: $59.71/delivery

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