Certificate of Analysis

3-O-Methyltolcapone-d₇

 Cat. No.:
 HY-100642S

 Batch No.:
 237075

Chemical Name: (4-Hydroxy-3-methoxy-5-nitrophenyl)(4-(methyl-d3)phenyl-2,3,5,6-d4)methanone

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{15}H_6D_7NO_5$ Molecular Weight: 294.31

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): ≥99.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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