

Certificate of Analysis

Paroxetine-d₄ (hydrochloride)

Cat. No.: HY-B0492S1
CAS No.: 2714485-95-5
Batch No.: 271631

Chemical Name: Paroxetine-d4, hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₉H₁₇D₄ClFNO₃

Molecular Weight: 369.85

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: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.16%
Isotopic Enrichment: 98.7%

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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