Certificate of Analysis

Phenylephrine-2,4,6-d₃ (hydrochloride)

Cat. No.: HY-B0471S1

CAS No.: 1276197-50-2

Batch No.: 257097

Chemical Name: (R)-3-(1-Hydroxy-2-(methylamino)ethyl)phen-2,4,6-d3-ol hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{11}D_3CINO_2$

Molecular Weight: 206.68

Storage: 4°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.90%
Isotopic Enrichment: 97.30%

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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