

Certificate of Analysis

Fingolimod-d₄

Cat. No.: HY-11063S CAS No.: 1346747-38-3 Batch No.: 255065

Chemical Name: 2-Amino-2-(4-octylphenethyl)propane-1,1,3,3-d4-1,3-diol

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{29}D_4NO_2$ Molecular Weight: 311.50

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:

$$\begin{array}{c} \begin{array}{c} D \\ D \\ \end{array} \begin{array}{c} OH \\ D \\ \end{array} \begin{array}{c} OH \\ OH \\ \end{array}$$

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

98.97% Purity (HPLC): **Isotopic Enrichment:** ≥98.0%

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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