Certificate of Analysis

(2-Fluoro-4-biphenyl)acetic acid-d₅

Cat. No.: HY-142907S CAS No.: 2733149-72-7 Batch No.: 254569

Chemical Name: (2-Fluoro-4-biphenyl)acetic acid-d5

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_6D_5FO_2$ Molecular Weight: 235.27

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

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

Purity (HPLC): 99.64% **Isotopic Enrichment:** 98.24%

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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