Certificate of Analysis

Dabigatran-d₃

 Cat. No.:
 HY-10163S1

 CAS No.:
 1246817-44-6

Batch No.: 281088

Chemical Name: 3-[[2-[[(4-Carbamimidoylphenyl)amino]methyl]-1-(trideuteriomethyl)benzimidazole-5-carbonyl

]-pyridin-2-ylamino]propanoic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{25}H_{22}D_3N_7O_3$

Molecular Weight: 474.53

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: Off-white to light yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 95.14%
Isotopic Enrichment: 100%

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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