Certificate of Analysis

Isoniazid-d₄

Cat. No.: HY-B0329S CAS No.: 774596-24-6 Batch No.: 139956

Chemical Name: 4-Pyridine-2,3,5,6-d4-carboxylic acid, hydrazide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_3D_4N_3O$ Molecular Weight: 141.16

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

$$D \longrightarrow D \longrightarrow N \mapsto NH_2$$

ANALYTICAL DATA

Appearance: White to off-white (Solid) LCMS: Consistent with structure

Purity (LCMS): 98.95% **Isotopic Enrichment:** 98.3%

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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