MCE MedChemExpress

Certificate of Analysis

Methylmalonic acid-d₃

 Cat. No.:
 HY-103395S

 CAS No.:
 42522-59-8

 Batch No.:
 153022

Chemical Name: Propanedioic acid, methyl-d3-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_4H_3D_3O_4$ Molecular Weight: 121.11

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: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (NMR): ≥98.0%
Isotopic Enrichment: 99.77%

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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