# **Certificate of Analysis**

## Ethylmalonic acid-d<sub>5</sub>

Cat. No.: HY-34740S1
CAS No.: 66311-22-6
Batch No.: 256868

Chemical Name: Propanedioic acid, ethyl-d5-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_5H_3D_5O_4$  Molecular Weight: 137.15

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)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.09%
Isotopic Enrichment: 99.05%

**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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