Certificate of Analysis

Diethyl phthalate-d4

 Cat. No.:
 HY-Y0284S

 CAS No.:
 93952-12-6

 Batch No.:
 217470

Chemical Name: 1,2-Benzene-3,4,5,6-d4-dicarboxylic acid, diethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{10}D_4O_4$ Molecular Weight: 226.26

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.54% Isotopic Enrichment: 99.20%

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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