



CERTIFICATE OF ANALYSIS

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1. Identification

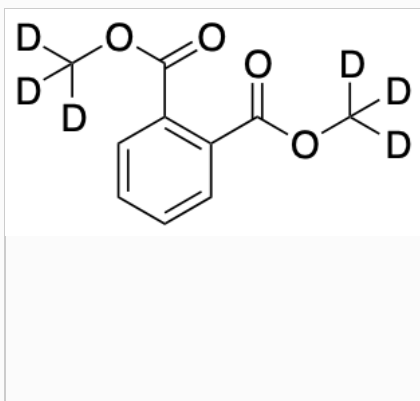
Catalogue Number: D477976

CAS Number: 85448-30-2

Product: Phthalic Acid Di(methyl-d3) Ester

Synonym: Dimethyl-d6 Phthalate; 1,2-Benzenedicarboxylic Acid Di(methyl-d3) Ester

Structure:



Molecular Formula:

C₁₀H₄D₆O₄

Molecular weight:

200.22

Source of Product:

Synthetic

Solubility:

Acetone (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: X-477

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 59.93, %H: 5.31
Isotopic Purity	>95%	99.9%
HPLC Purity	Report Result	100.00% (230 nm)

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.02%, d3 = 0.17%, d4 = 0.00%, d5 = 0.00%, d6 = 99.81%***Material was manufactured at CDN Isotopes, an affiliate of TRC***

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjot Kaur	Toni Rantanen	Chanell Chu	9/23/2022	9/21/2026