



CERTIFICATE OF ANALYSIS

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1. Identification

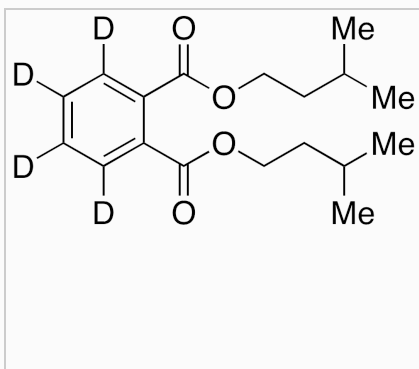
Catalogue Number: D455232

CAS Number: 1346597-80-5

Product: Diisopentyl Phthalate-d4

Synonym: 1,2-Benzenedicarboxylic Acid-d4 1,2-Bis(3-methylbutyl) Ester; Phthalic Acid-d4 Diisopentyl Ester; Bis(3-methylbutyl) Phthalate-d4; Diisoamyl Phthalate-d4; NSC 17070-d4; Palatinol DIPP-d4;

Structure:



Molecular Formula:

C₁₈H₂₂D₄O₄

Molecular weight:

310.42

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 4-XDD-125-1

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 to Pale Yellow Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 69.56, %H: 8.66
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.9% (d0 = 0.01%)
HPLC Purity	Report Result	100.00% (230 nm)

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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
Evan Burns	Toni Rantanen	Chanell Chu	7/9/2021	7/7/2028