



CERTIFICATE OF ANALYSIS

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1. Identification

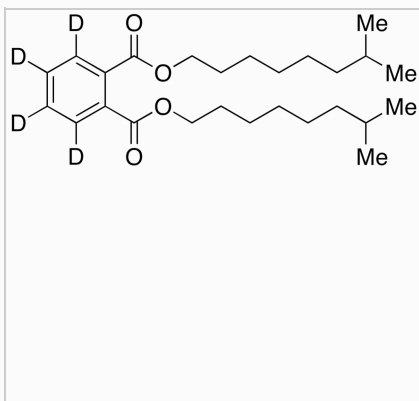
Catalogue Number: D455227

CAS Number: 1332965-90-8

Product: Diisononyl Phthalate-d4

Synonym: 1,2-(Benzene-d4)dicarboxylic Acid 1,2-Diisononyl Ester; Phthalic Acid-d4 Diisononyl Ester; Diisononyl Alcohol Phthalate-d4; Baylectrol 4200-d4; Diacizer DINP-d4; ENJ 2065-d4; JAY-DINP-d4; Jayflex DINP-d4; Monocizer DINP-d4; Palatinol DINP-d4; Palatinol DN-d4; Palatinol N-d4; Phthalisocizer DINP-d4; Plastomoll DINP-d4; Sansocizer D-d4

Structure:



Molecular Formula:

C₂₆H₃₈D₄O₄

Molecular weight:

422.63

Source of Product:

Synthetic

Solubility:

Acetone (Slightly), Chloroform (Sparingly), Methanol (Sparingly)

Lot Number: 1-SAZ-4-1

Purity: 96%

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:
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.67% (225 nm)
Appearance	Colourless to Yellow Oil	Clear Colourless Oil
Isotopic Purity	>95%	98.5%

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.92%, d2 = 0.57%, d3 = 2.30%, d4 = 96.21%

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
Nicole Yip	Toni Rantanen	Chanell Chu	3/2/2023	2/28/2027
				