



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

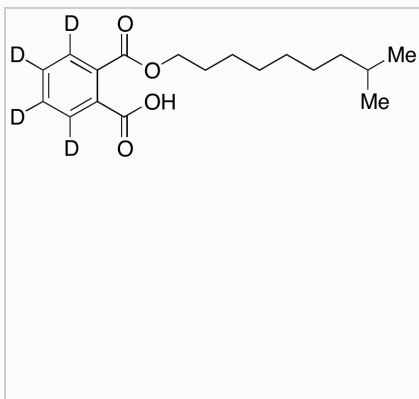
Catalogue Number: M547907

CAS Number: NA

Product: Monoisodecyl Phthalate-d4

Synonym: 1,2-Benzenedicarboxylic Acid Monoisodecyl Ester-d4; Phthalic Acid Isodecyl Ester-d4

Structure:



Molecular Formula:

C₁₈H₂₂D₄O₄

Molecular weight:

310.42

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Dichloromethane (Slightly),
DMSO (Slightly), Methanol (SI)

Lot Number: 2-NKS-37-2

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:
Elemental Analysis	Conforms	%C: 69.84, %H: 8.76
HPLC Purity	Report Result	99.45% (220 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.5%
Appearance	Colourless to Off-White Oil to Gel	Colourless to Off-White Oil to Gel
NMR	Conforms to Structure	Conforms

Additional Information: Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.07%, d3 = 1.92%, d4 = 98.01%

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
Sarbjit Kaur	Toni Rantanen	Chanell Chu	3/31/2023	3/29/2027