



CERTIFICATE OF ANALYSIS

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1. Identification

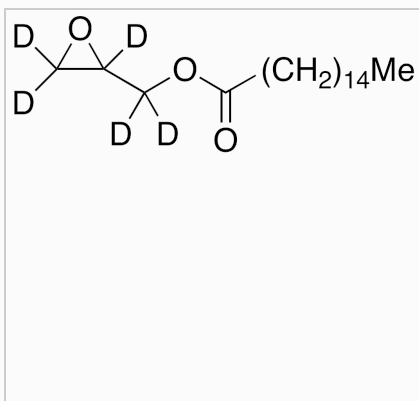
Catalogue Number: G615954

CAS Number: 1794941-80-2

Product: Glycidyl Palmitate-d5

Synonym: Hexadecanoic Acid 2-Oxiranylmethyl-d5 Ester; Palmitic Acid 2,3-Epoxypropyl-d5 Ester; (+/-)-Glycidyl-d5 Palmitate; Glycidyl-d5 Hexadecanoate; NSC 406558-d5; Palmitic Acid Glycidyl-d5 Ester;

Structure:



Molecular Formula:

C₁₉H₃₁D₅O₃

Molecular weight:

317.52

Source of Product:

Synthetic

Solubility:

Chloroform (Soluble), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 12-YMK-108-2

Purity: 96%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 72.21, %H: 11.65
HPLC Purity	Report Result	100.00% (ELSD)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.4%

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.01%, d3 = 0.00%, d4 = 0.03%, d5 = 0.00%, d6 = 0.00%, d7 = 0.11%, d8 = 0.91%, d9 = 13.26%, d10 = 85.69% (based on 2M+Na)

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
Nicole Yip	Toni Rantanen	Chanell Chu	4/22/2022	4/20/2026

