

1. Identification

Catalogue Number

G615954

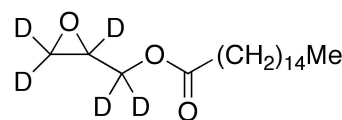
Lot Number

12-YMK-108-1

Product Name

Glycidyl Palmitate-d5

Structure



Synonyms

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;

CAS Number

1794941-80-2

Solubility

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

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₉H₃₁D₅O₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

317.52

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 71.67, %H: 11.91
HPLC Purity	>95%	99.92% (ELSD)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.1%

Additional Information

Normalized Intensity: d₀ = 0.07%, d₁ = 0.02%, d₂ = 0.29%, d₃ = 0.30%, d₄ = 7.77%, d₅ = 91.55%

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			3/1/2023	2/27/2027
Nicole Yip	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		