

1. Identification

Catalogue Number

B515204

Lot Number

8-SKR-70-2

Product Name

rac 1,2-Bis-palmitoyl-3-chloropropanediol-13C3

Synonyms

Hexadecanoic Acid 1,1'-[1-Chloromethyl]-1,2-ethanediyl Ester-13C3; 3-Chloropropane-1,2-diol Dipalmitate-13C3; rac 1,2-Di-palmitoyl-3-chloropropanediol-13C3; 3-MCPD-1,2-dipalmitoyl Ester-13C3;

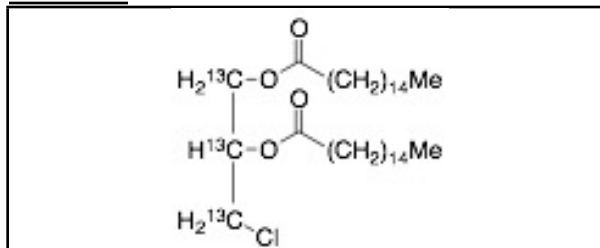
CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Structure



Molecular Formula

C₃₂¹³C₃H₆₇ClO₄

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

590.34

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Yellow Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 71.44, %H: 11.98
HPLC Purity	>95%	99.87% (ELSD)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.1%

Additional Information

Normalized Intensity: ¹³C₀ = 0.39%, ¹³C₁ = 0.13%, ¹³C₂ = 1.18%, ¹³C₃ = 98.30%

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>
			1/15/2024	1/13/2028
Sarbjit Kaur	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		