

**1. Identification**Catalogue Number

B515202

Lot Number

7-USH-165-5

Product Name

rac 1,2-Bis-palmitoyl-3-chloropropanediol-D5

Synonyms

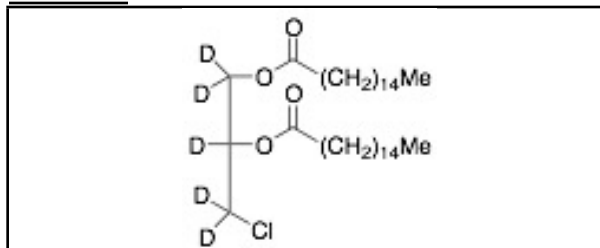
Hexadecanoic Acid 1,1'-[1-Chloromethyl]-1,2-ethanediyl-d5] Ester; 3-Chloropropane-1,2-diol-d5 Dipalmitate; rac 1,2-Di-palmitoyl-3-chloropropanediol-d5; 3-MCPD-1,2-dipalmitoyl Ester-d5; PP-3-MCPD-D5

CAS Number

1185057-55-9

Solubility

Chloroform (Slightly), Methanol
(Slightly)

StructureShipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular FormulaC₃₅H₆₂D₅ClO₄Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

592.39

Purity

98%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Pale Yellow Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

99.95% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

97.0%

Additional Information

Normalized Intensity: d₀ = 0.88%, d₁ = 0.14%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.00%, d₅ = 3.73%, d₆ = 0.00%, d₇ = 0.00%, d₈ = 0.00%, d₉ = 1.43%, d₁₀ = 93.82%

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. SignaturesReviewed by

Sarbjit Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

5/18/2023

Retest Date

5/16/2027