

1. Identification

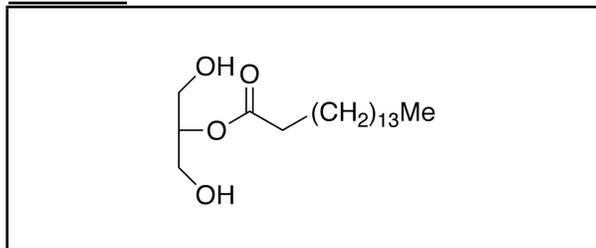
Catalogue Number

P157270

Lot Number

16-RCD-9-1

Structure



Product Name

2-Palmitoyl-rac-glycerol

Synonyms

Hexadecanoic Acid 2-Hydroxy-1-(hydroxymethyl)ethyl Ester; 2-Hexadecanoyl Glycerol; 2-Monohexadecanoylglycerol; 2-Monopalmitin; 2-Monopalmitoyl-sn-glycerol; 2-Monopalmitoylglycerol; 2-Palmitoylglycerol; Glycerol-β-palmitate; Palmitic Acid β-monoglyceride; β-Monopalmitin;

CAS Number

23470-00-0

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₉H₃₈O₄

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

330.5

Purity

96%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

96.65% (ELSD)

MS

Conforms to Structure

Conforms

Additional Information

N/A

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

Jingning Zhou

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

6/27/2024

Retest Date

6/25/2028