



1. Identification

Catalogue Number

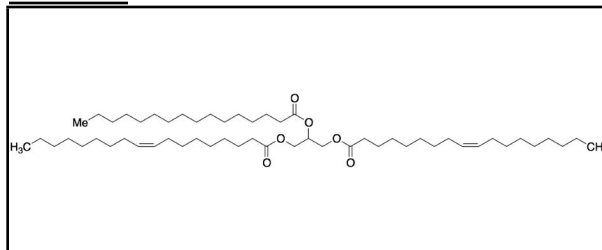
D484205

Lot Number

14-YEN-81-2

Product Name

1,3-Dioleoyl-2-palmitoylglycerol

StructureSynonyms

(9Z)-9-Octadecenoic Acid 1,1'-[2-[(1-Oxoheptadecyl)oxy]-1,3-propanediyl] Ester;

CAS Number

1716-07-0

SolubilityChloroform (Slightly), Methanol
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular FormulaC₅₅H₁₀₂O₆Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

859.42

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Off-White Oil to Low-Melting Solid

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 77.85, %H: 12.07

HPLC Purity

>95%

99.66% (ELSD)

MS

Conforms to Structure

Conforms

Water Content

Report Result

1.4% by Karl Fischer

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 $\pm 2\%$. 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

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

10/7/2024

Retest Date

10/5/2028