



CERTIFICATE OF ANALYSIS

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1. Identification

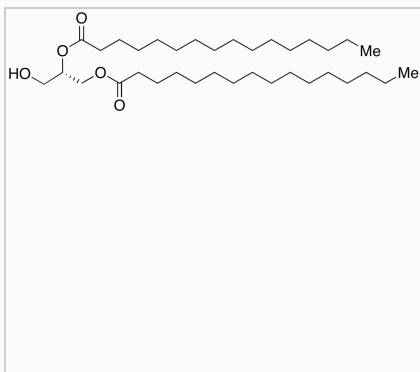
Catalogue Number: D486890

CAS Number: 30334-71-5

Product: 1,2-Dipalmitoyl-sn-glycerol

Synonym: Hexadecanoic Acid 1,1'-[(1S)-1-(Hydroxymethyl)-1,2-ethanediyl] Ester; (S)-(-)-1,2-Dipalmitin; (S)-1-(Hydroxymethyl)ethane-1,2-diyl Dipalmitate; 1,2-Di-O-palmitoyl-sn-glycerol; L-1,2-Dipalmitin; NSC 269964; sn-1,2-Dipalmitin;

Structure:



Molecular Formula:

$C_{35}H_{68}O_5$

Molecular weight:

568.91

Source of Product:

N/A

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly, Sonicated)

Lot Number: 2023-PVA-149

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 73.75, %H: 12.53
MS	Conforms to Structure	Conforms
Appearance	White to Off-White Solid	White to Off-White Solid
HPLC Purity	Report Result	100.00% (ELSD)

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjot Kaur	Toni Rantanen	Chanell Chu	5/2/2023	4/30/2027