



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# PRODUCT INFORMATION



## 1,3-Didocosahexaenoyl-2-Palmitoyl Glycerol

Item No. 26987

**CAS Registry No.:** 197016-86-7  
**Formal Name:** (4Z,4'Z,7Z,7'Z,10Z,10'Z,13Z,13'Z,16Z,16'Z,19Z,19'Z)-4,7,10,13,16,19-docosahexaenoic acid, 1,1'-[2-[(1-oxohexadecyl)oxy]-1,3-propanediyl] ester

**Synonyms:** 1,3-Didocosahexaenoin-2-Palmitin, DPD, TG(22:6/16:0/22:6)

**MF:** C<sub>63</sub>H<sub>98</sub>O<sub>6</sub>

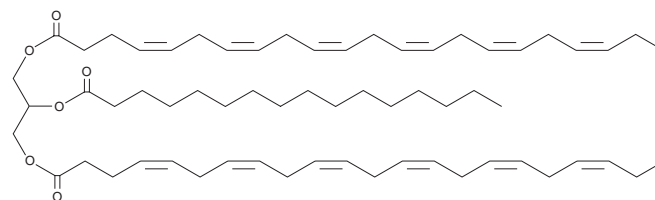
**FW:** 951.5

**Purity:** ≥98%

**Supplied as:** A liquid

**Storage:** -20°C

**Stability:** ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

1,3-Didocosahexaenoyl-2-palmitoyl glycerol is supplied as a liquid. A stock solution may be made by dissolving the 1,3-didocosahexaenoyl-2-palmitoyl glycerol in the solvent of choice. 1,3-Didocosahexaenoyl-2-palmitoyl glycerol is miscible in the organic solvent chloroform, which should be purged with an inert gas.

### Description

1,3-Didocosahexaenoyl-2-palmitoyl glycerol is a triacylglycerol that contains docosahexaenoic acid (Item No. 90310) at the *sn*-1 and *sn*-3 positions and palmitic acid (Item No. 10006627) at the *sn*-2 position. It has been found in higher amounts than 1-palmitoyl-2,3-didocosahexaenoyl-*rac*-glycerol (PDD) in Steller sea lion meat and harp seal oil and at lower amounts than PDD in the meat of a variety of fishes.<sup>1</sup>

### Reference

1. Gotoh, N., Matsumoto, Y., Nagai, T., *et al.* Actual ratios of triacylglycerol positional isomers consisting of saturated and highly unsaturated fatty acids in fishes and marine mammals. *Food Chem.* **127(2)**, 467-472 (2011).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

#### WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

Copyright Cayman Chemical Company, 06/09/2020

#### CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD

ANN ARBOR, MI 48108 · USA

**PHONE:** [800] 364-9897

[734] 971-3335

**FAX:** [734] 971-3640

CUSTSERV@CAYMANCHEM.COM

WWW.CAYMANCHEM.COM