



# 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) 

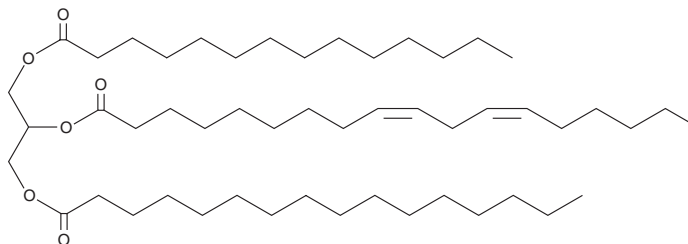
# PRODUCT INFORMATION



## 1-Myristoyl-2-Linoleoyl-3-Palmitoyl-*rac*-glycerol

Item No. 28560

**CAS Registry No.:** 105595-41-3  
**Formal Name:** 9Z,12Z-octadecadienoic acid, 1-[[[(1-oxohexadecyl)oxy]methyl]-2-[[[(1-oxotetradecyl)oxy]ethyl] ester  
**Synonyms:** 1-Myristin-2-Linolein-3-Palmitin, TG(14:0/18:2/16:0)  
**MF:** C<sub>51</sub>H<sub>94</sub>O<sub>6</sub>  
**FW:** 803.3  
**Purity:** ≥98%  
**Supplied as:** An oil  
**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-Myristoyl-2-linoleoyl-3-palmitoyl-*rac*-glycerol is supplied as an oil. A stock solution may be made by dissolving the 1-myristoyl-2-linoleoyl-3-palmitoyl-*rac*-glycerol in the solvent of choice, which should be purged with an inert gas. 1-Myristoyl-2-linoleoyl-3-palmitoyl-*rac*-glycerol is slightly soluble in chloroform and methanol.

### Description

1-Myristoyl-2-linoleoyl-3-palmitoyl-*rac*-glycerol is a triacylglycerol that contains myristic acid (Item No. 13351), linoleic acid (Item Nos. 90150 | 90150.1 | 21909), and palmitic acid (Item No. 10006627) at the *sn*-1, *sn*-2, and *sn*-3 positions, respectively. It has been found in palm and vegetable oils.<sup>1,2</sup>

### References

1. Sassano, G.J. and Jeffrey, B.S.J. Gas chromatography of triacylglycerols in palm oil fractions with medium-polarity wide-bore columns. *J. Am. Oil Chem. Soc.* **70(11)**, 1111-1114 (1993).
2. Ohshima, T., Yoon, H.-S., and Koizumi, C. Application of selective ion monitoring to the analysis of molecular species of vegetable oil triacylglycerols separated by open-tubular column GLC on a methylphenylsilicone phase at high temperature. *Lipids* **24(6)**, 535-544 (1989).

#### 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, 11/20/2019

#### 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