



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

www.szabo-scandic.com

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

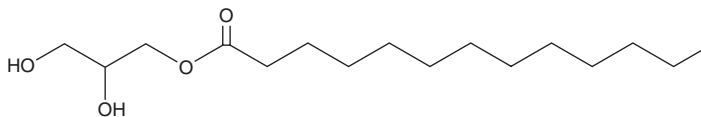
PRODUCT INFORMATION



1-Tridecanoyl-*rac*-glycerol

Item No. 26961

CAS Registry No.: 71958-74-2
Formal Name: tridecanoic acid,
2,3-dihydroxypropyl ester
Synonyms: MG(13:0/0:0/0:0),
1-Monotridecanoin
MF: C₁₆H₃₂O₄
FW: 288.4
Purity: ≥95%
Supplied as: A solid
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-Tridecanoyl-*rac*-glycerol is supplied as a solid. A stock solution may be made by dissolving the 1-tridecanoyl-*rac*-glycerol in the solvent of choice, which should be purged with an inert gas. 1-Tridecanoyl-*rac*-glycerol is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF). The solubility of 1-tridecanoyl-*rac*-glycerol in these solvents is approximately 15, 20, and 25 mg/ml, respectively.

1-Tridecanoyl-*rac*-glycerol is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, 1-tridecanoyl-*rac*-glycerol should first be dissolved in DMF and then diluted with the aqueous buffer of choice. 1-Tridecanoyl-*rac*-glycerol has a solubility of approximately 0.3 mg/ml in a 1:2 solution of DMF:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

Description

1-Tridecanoyl-*rac*-glycerol is a monoacylglycerol that contains tridecanoic acid (Item No. 19725) at the *sn*-1 position. It has been used as an internal standard for the quantification of mono- and diacylglycerols in buttermilk.¹

Reference

1. Fagan, P., Wijesundera, C., and Watkins, P. Determination of mono- and di-acylglycerols in milk lipids. *J. Chromatogr. A.* **1054(1-2)**, 251-259 (2004).

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, 03/13/2020

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