



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) 

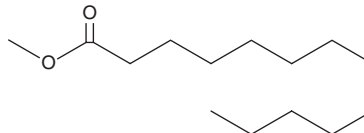
PRODUCT INFORMATION



Tridecanoic Acid methyl ester

Item No. 26721

CAS Registry No.: 1731-88-0
Synonyms: C13:0 methyl ester, Methyl Tridecanoate, NSC 163375, Tridecylic Acid methyl ester
MF: C₁₄H₂₈O₂
FW: 228.4
Purity: ≥98%
Supplied as: A neat oil
Storage: -20°C
Stability: ≥1 year



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

Laboratory Procedures

Tridecanoic acid methyl ester is supplied as a neat oil. A stock solution may be made by dissolving the tridecanoic acid methyl ester in the solvent of choice. Tridecanoic acid methyl ester is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF), which should be purged with an inert gas. The solubility of tridecanoic acid methyl ester in ethanol and DMF is approximately 25 mg/ml and approximately 10 mg/ml in DMSO.

Tridecanoic acid methyl ester is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, tridecanoic acid methyl ester should first be dissolved in DMF and then diluted with the aqueous buffer of choice. Tridecanoic acid methyl ester has a solubility of approximately 0.25 mg/ml in a 1:1 solution of DMF:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

Description

Tridecanoic acid methyl ester is an esterified form of tridecanoic acid (Item No. 19725). It is a component of biodiesel generated from subcritical water-subcritical methanol (SCW-SCM) separation of sewage sludge.¹

Reference

1. Prajitno, H., Park, J., Ryu, C., *et al.* Effects of solvent participation and controlled product separation on biomass liquefaction: A case study of sewage sludge. *Applied Energy* **218**, 402-416 (2018).

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, 05/01/2019

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