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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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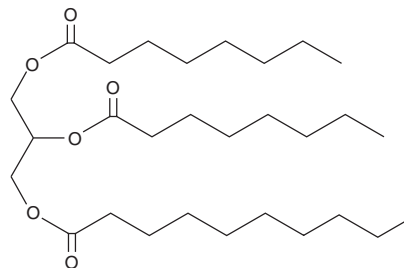
PRODUCT INFORMATION



1,2-Dioctanoyl-3-Decanoyl-*rac*-glycerol

Item No. 28554

CAS Registry No.: 69095-45-0
Formal Name: decanoic acid, 2,3-bis[(1-oxooctyl)oxy] propyl ester
Synonyms: 1,2-Octanoin-3-Decanoin, TG(8:0/8:0/10:0)
MF: C₂₉H₅₄O₆
FW: 498.7
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

1,2-Dioctanoyl-3-decanoyl-*rac*-glycerol is supplied as a liquid. A stock solution may be made by dissolving the 1,2-dioctanoyl-3-decanoyl-*rac*-glycerol in the solvent of choice, which should be purged with an inert gas. 1,2-Dioctanoyl-3-decanoyl-*rac*-glycerol is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide. The solubility of 1,2-dioctanoyl-3-decanoyl-*rac*-glycerol in these solvents is approximately 30 mg/ml.

Description

1,2-Dioctanoyl-3-decanoyl-*rac*-glycerol is a triacylglycerol that contains octanoic acid at the *sn*-1 and *sn*-2 positions and decanoic acid (Item No. 20838) at the *sn*-3 position. It has been found in the suberin of wound-healing potatoes.¹

Reference

1. Wang, W., Tian, S., and Stark, R.E. Isolation and identification of triglycerides and ester oligomers from partial degradation of potato suberin. *J. Agric. Food Chem.* **58(2)**, 1040-1045 (2010).

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.

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