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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



1-Stearoyl-2-Palmitoyl-3-Oleoyl-*rac*-glycerol

Item No. 27290

CAS Registry No.: 35984-52-2

Formal Name: (9Z)-9-octadecenoic acid,
2-[(1-oxohexadecyl)oxy]-3-[(1-oxooctadecyl)oxy]propyl ester

Synonyms: 1-Stearin-2-Palmitin-3-Olein,
TG(18:0/16:0/18:1)

MF: $C_{55}H_{104}O_6$

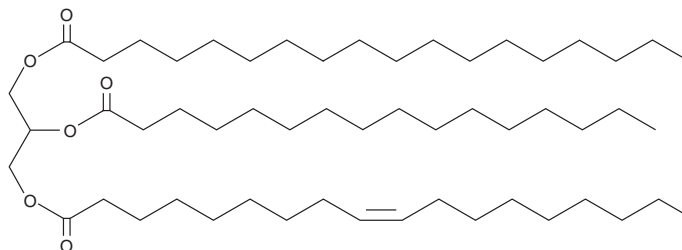
FW: 861.4

Purity: $\geq 98\%$

Supplied as: A solid

Storage: $-20^{\circ}C$

Stability: ≥ 2 years



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

Laboratory Procedures

1-Stearoyl-2-palmitoyl-3-oleoyl-*rac*-glycerol is supplied as a solid. A stock solution may be made by dissolving the 1-stearoyl-2-palmitoyl-3-oleoyl-*rac*-glycerol in the solvent of choice, which should be purged with an inert gas. 1-Stearoyl-2-palmitoyl-3-oleoyl-*rac*-glycerol is soluble in the organic solvent chloroform at a concentration of approximately 10 mg/ml.

Description

1-Stearoyl-2-palmitoyl-3-oleoyl-*rac*-glycerol is a triacylglycerol that contains stearic acid (Item No. 10011298) at the *sn*-1 position, palmitic acid (Item No. 10006627) at the *sn*-2 position, and oleic acid (Item Nos. 90260 | 24659) at the *sn*-3 position. It has been found in bovine milk.¹

Reference

1. Mottram, H.R. and Evershed, R.P. Elucidation of the composition of bovine milk fat triacylglycerols using high-performance liquid chromatography-atmospheric pressure chemical ionisation mass spectrometry. *J. Chromatogr. A.* **926**(2), 239-253 (2001).

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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