

PRODUCT INFORMATION



1,3-Dinervonoyl Glycerol

Item No. 26937

CAS Registry No.: 960594-30-3

Formal Name: (15Z,15'Z)-15-tetracosenoic acid,
1,1'-(2-hydroxy-1,3-propanediyl) ester
Synonyms: DG(24:1/0:0/24:1), 1,3-Dinervonin,
1,3-Di-15(Z)-Tetracosenoic acid,
1,3-Di-15(Z)-Tetracosenoyl Glycerol

MF: C₅₁H₉₆O₅

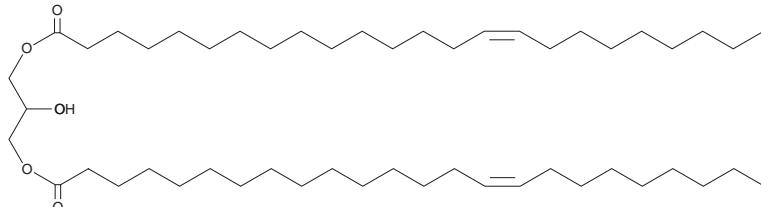
FW: 789.3

Purity: ≥98%

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

1,3-Dinervonoyl glycerol is supplied as a solid. A stock solution may be made by dissolving the 1,3-dinervonoyl glycerol in the solvent of choice, which should be purged with an inert gas. 1,3-Dinervonoyl glycerol is soluble in organic solvents such as ethanol and dimethyl formamide. The solubility of 1,3-dinervonoyl glycerol in these solvents is approximately 10 mg/ml.

1,3-Dinervonoyl glycerol is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, 1,3-dinervonoyl glycerol should first be dissolved in ethanol and then diluted with the aqueous buffer of choice. 1,3-Dinervonoyl glycerol has a solubility of approximately 0.5 mg/ml in a 1:1 solution of ethanol:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

Description

1,3-Dinervonoyl glycerol is a diacylglycerol that contains nervonic acid (Item No. 13940) at the *sn*-1 and *sn*-3 positions.

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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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