

Product Data Sheet

Product Name: 1,3-Dinonadecanoyl-rac-glycerol

Cat. No.: GC40185

Chemical Properties

Cas. No. 372490-74-9

SMILES OC(COC(CCCCCCCCCCCCCCCCCCCC)=O)COC(CCCCCCCCCCCCCCCCCCCC)=O

Formula C41H80O5

M.Wt 653.1

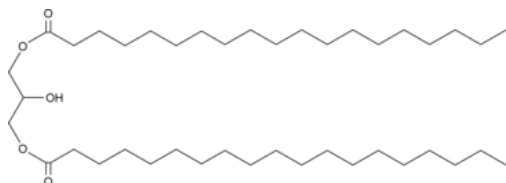
Solubility DMF: 10 mg/ml, Ethanol: 10 mg/ml, Ethanol: PBS(pH 7.2) (1:1): 0.5 mg/ml

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

1,3-Dinonadecanoyl-rac-glycerol is a diacylglycerol that contains nonadecanoic acid at the sn-1 and sn-3 positions. It has been used as a standard for the quantification of diacylglycerols in synthetic milk fat by solid phase extraction (SPE) HPLC using an evaporative light scattering detector (ELSD).

Caution: Product has not been fully validated for medical applications. For research use only.

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