

Product Data Sheet

Product Name: 1,3-Dibutyl-2-Oleoyl-rac-glycerol

Cat. No.: GC45294

Chemical Properties

Cas. No. 175878-34-9

SMILES O=C(CCC)OCC(OC(CCCCCC/C=C\CCCCCCCC)=O)COC(CCC)=O

Formula C₂₉H₅₂O₆

M.Wt 496.7

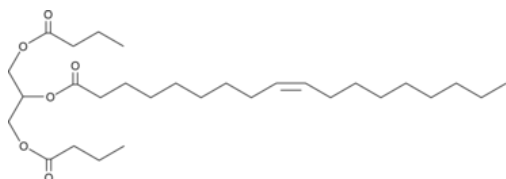
Solubility Chloroform: slightly soluble

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-Dibutyl-2-oleoyl-rac-glycerol is a triacylglycerol that contains butyric acid at the sn-1 and sn-3 positions and oleic acid at the sn-2 position. It has been found in butterfat.¹

References

1. Kalo, P., Kemppinen, A., Ollilainen, V., et al. Regiospecific determination of short-chain triacylglycerols in butterfat by normal-phase HPLC with on-line electrospray-tandem mass spectrometry. *Lipids* 39(9), 915-928 (2004).

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

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