

Product Data Sheet

Product Name: 1,2-O-Dihexadecyl-rac-glycerol

Cat. No.: GC41835

Chemical Properties

Cas. No. 13071-60-8

SMILES OCC(OCCCCCCCCCCCCCCCCC)COCCCCCCCCCCCCCCCCC

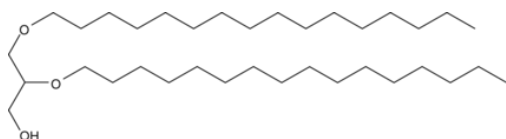
Formula C₃₅H₇₂O₃ M.Wt 541

Solubility DMF: 20 mg/ml, DMSO: 5 mg/ml, Ethanol: 30 mg/ml, PBS (pH 7.2): .25 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

1,2-O-Dihexadecyl-rac-glycerol is a saturated dialkyl glyceryl ether with hexadecyl groups at the sn-1 and sn-2 positions, which mimics the structure of diacylglycerol. It has been incorporated into model lipid bilayers in order to explore the composition and function of biological membranes.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA