

Product Data Sheet

Product Name: Glycidyl Palmitate

Cat. No.: GC49572

Chemical Properties

Cas. No. 7501-44-2

SMILES O=C(CCCCCCCCCCCCCCCC)OCC1CO1

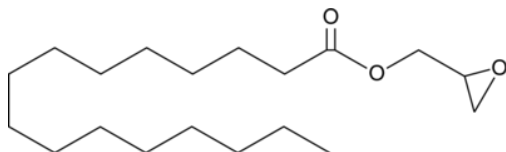
Formula C₁₉H₃₆O₃ M.Wt 312.5

Solubility DMF: insol, DMSO: 1 mg/ml, Ethanol: Storage -20°C
insol, PBS (pH 7.2): insol

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

Glycidyl palmitate is a glycidyl fatty acid ester.¹ It has been found in palm and corn oils.

1. Blumhorst, M.R., Collison, M.W., Cantrill, R., et al. Collaborative study for the analysis of glycidyl fatty acid esters in edible oils using LC-MS/MS. *Am. Oil Chem. Soc.* 90(4):493-500 (2013)

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