

Product Data Sheet

Product Name: Myristic Acid ethyl ester

Cat. No.: GC41334

Chemical Properties

Cas. No. 124-06-1

SMILES CCCCCCCCCCCCC(OCC)=O

Formula C16H32O2

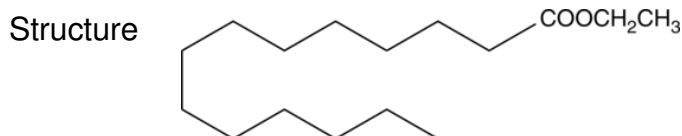
M.Wt 256.4

Solubility DMF: 30 mg/ml, DMSO: 20 mg/ml, Ethanol: 30 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.



Background

Myristic acid is a saturated fatty acid commonly found in animal and vegetable fats that is frequently used in cosmetics, soaps, perfumes, and flavorings. It increases low density lipoprotein cholesterol making it one of the most hypercholesterolemic of the saturated fatty acids. Myristic acid ethyl ester is a more hydrophobic form of the free acid. It is a marker of excessive ethanol consumption that can be isolated from the hair of an individual.

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