

Product Data Sheet

Product Name: Pentacosanoic Acid methyl ester

Cat. No.: GC40940

Chemical Properties

Cas. No. 55373-89-2

SMILES CCCCCCCCCCCCCCCCCCCCCCCCCCCC(OC)=O

Formula C26H52O2 M.Wt 396.7

Solubility Ethanol: 0.5 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.



Background

Long chain saturated fatty acids and their esters are common components of plant lipids. Pentacosanoic acid methyl ester is the methyl ester of the 25-carbon, fully saturated fatty acid pentacosanoic acid. This product is designed to be used as a standard in total fatty acid analysis.

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

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