

Product Data Sheet

Product Name: Phytanic Acid methyl ester

Cat. No.: GC49754

Chemical Properties

Cas. No. 1118-77-0

SMILES CC(C)CCCC(C)CCCC(C)CCCC(C)CC(OC)=O

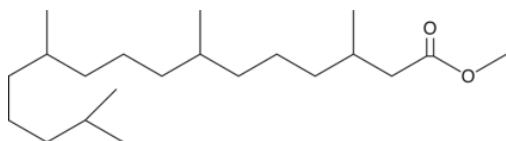
Formula C₂₁H₄₂O₂ M.Wt 326.6

Solubility Ethanol: 5 mg/mL Storage -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

Phytanic acid methyl ester is a long-chain fatty acid methyl ester and esterified form of phytanic acid that has been found in Greek tobacco.¹

1. Kimland, B., Aasen, A.J., and Enzell, C.R. Tobacco chemistry. 10. Volatile neutral constituents of Greek tobacco. Acta Chem. Scand. 26(6):2177-2184 (1972)

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