

Product Data Sheet

Product Name: Linoleic Acid methyl ester

Cat. No.: GC44070

Chemical Properties

Cas. No. 112-63-0

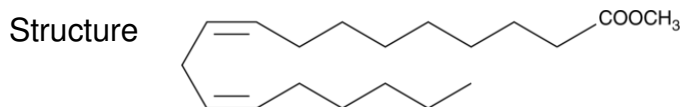
SMILES CCCCC/C=C\C/C=C\CCCCCCCC(OC)=O

Formula C₁₉H₃₄O₂ M.Wt 294.5

Solubility DMF: >100 mg/ml, DMSO: >100 mg/ml, Ethanol: >100 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

Linoleic acid methyl ester is a more lipid-soluble form of linoleic acid. Linoleic acid is an essential fatty acid and one of the most abundant PUFAs in the Western diet. Deficiencies in linoleic acid are linked to defective wound healing, growth retardation, and dermatitis. Linoleic acid is metabolized by 15-LO in both plants and animals to form 9(S)- and 13(S)-HODE.

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