

Product Data Sheet

Product Name: Heptadecanoic Acid methyl ester

Cat. No.: GC41548

Chemical Properties

Cas. No. 1731-92-6

SMILES O=C(CCCCCCCCCCCCCCCC)OC

Formula C18H36O2

M.Wt 284.5

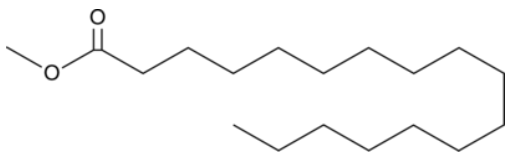
Solubility DMF: 25 mg/mL, DMF:PBS (pH 7.2) (1:3): 0.25 mg/mL, DMSO: 10 mg/mL, Ethanol: 25 mg/mL

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.

Structure



Background

Heptadecanoic acid methyl ester is an esterified form of heptadecanoic acid. It has been found in biodiesel produced by *C. sorokiniana* microalgae as well as in several types of animal fat biodiesel. Heptadecanoic acid methyl ester has been used as an internal standard for the quantification of fatty acid methyl esters in human plasma.

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

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