

Product Data Sheet

Product Name: 3-hydroxy Decanoic Acid methyl ester

Cat. No.: GC18655

Chemical Properties

Cas. No. 62675-82-5

Chemical Name 3-hydroxy-decanoic acid, methyl ester

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

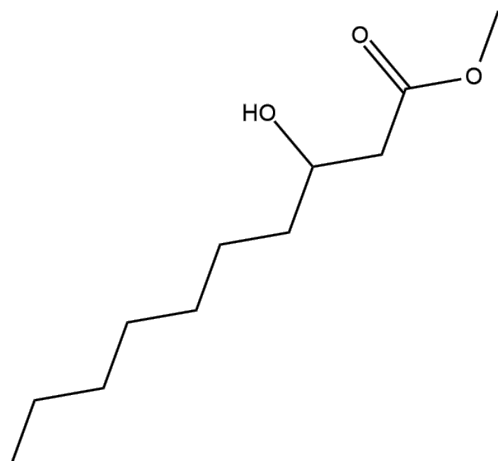
Formula $C_{11}H_{22}O_3$ M.Wt 202.3

Solubility Chloroform: soluble, Ethanol: soluble, Ether: soluble 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

3-hydroxy Decanoic acid methyl ester is a hydroxylated fatty acid methyl ester that has been found in methyl-branched poly(3-hydroxyalkanoate) (PHA) polymers produced by *P. putida* and *D. tsuruhatensis*. It has antibacterial activity against *S. faecalis* AD-4.

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

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