
Product Data Sheet

Product Name: 3-hydroxy Nonanoic Acid methyl ester

Cat. No.: GC18671

Chemical Properties

Cas. No. 83968-06-3

Chemical Name 3-hydroxy-nonanoic acid, methyl ester

SMILES O=C(CC(O)CCCCC)OCFormula $C_{10}H_{20}O_3$ M.Wt 188.3Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$ General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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 Nonanoic 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. oleovorans*, *P. putida*, and *D. tsuruhatensis*.

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

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