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**Product Data Sheet**

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Product Name: 3-hydroxy Nonanoic Acid

Cat. No.: GC18380

**Chemical Properties**

Cas. No. 40165-87-5

Chemical Name 3-hydroxy-nonanoic acid

SMILES OC(CC(O)CCCCC)=OFormula  $C_9H_{18}O_3$  M.Wt 174.2

Solubility Soluble in DMSO 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 Nonanoic acid is a hydroxylated fatty acid that has been found in young peridioles of Pisolithus fungi, LPS from P. aeruginosa, bovine milk, and the methyl-branched poly(3-hydroxyalkanoate) (PHA) polymers produced by P. oleovorans.

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

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