

Product Data Sheet

Product Name: 16-methyl Stearic Acid

Cat. No.: GC49779

Chemical Properties

Cas. No. 17001-28-4

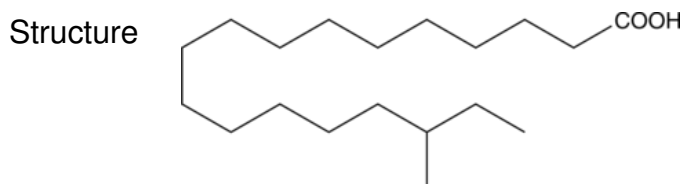
SMILES CCC(C)CCCCCCCCCCCCCCCC(O)=O

Formula C₁₉H₃₈O₂ M.Wt 298.5

Solubility DMF: 10 mg/ml, DMSO: 10 mg/ml, Ethanol: 5 mg/ml, PBS (pH 7.2): insol Storage -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

16-methyl Stearic acid is a methyl branched-chain fatty acid. It has been found in a variety of sea sponge species of the class Calcarea.¹

1. Schreiber, A., Wörheide, G., and Thiel, V. The fatty acids of calcareous sponges (Calcarea, Porifera). *Chem. Phys. Lipids* 143(1-2):29-37 (2006)

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

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