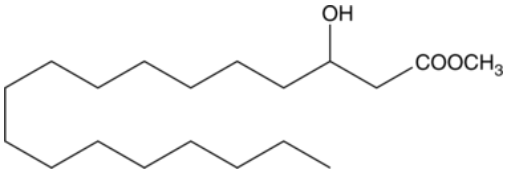
Product Data Sheet

Product Name: 3-hydroxy Stearic Acid methyl ester
Cat. No.: GC42287

Chemical Properties

Cas. No.	2420-36-2		
SMILES	CCCCCCCCCCCCCCCC(O)CC(OC)=O		
Formula	C19H38O3	M.Wt	314.5
Solubility	Ethanol: soluble,Methanol: 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 Stearic acid methyl ester is a hydroxylated fatty acid methyl ester that has been found in methyl-branched poly(3-hydroxyalkanoate) (PHA) polymers produced by Streptomyces sp. JM3 and in trace amounts in M. bijuga fruit. It is a chemical scent constituent in feces of adult wild Iberian wolves (C. lupus signatus).

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