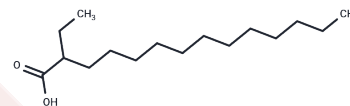


2-Ethyltetradecanoic acid

Chemical Properties

CAS No. : 25354-93-2
 Formula: C₁₆H₃₂O₂
 Molecular Weight: 256.42
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-Ethyltetradecanoic acid is a long-chain saturated fatty acid that can be used as a surfactant.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8999 mL	19.4993 mL	38.9985 mL
5 mM	0.780 mL	3.8999 mL	7.7997 mL
10 mM	0.390 mL	1.9499 mL	3.8999 mL
50 mM	0.078 mL	0.390 mL	0.780 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Rahman Z, et al. Escherichia coli as a fatty acid and biodiesel factory: current challenges and future directions. Environ Sci Pollut Res Int. 2016 Jun;23(12):12007-18.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481