

Hentriacontanoic acid

Chemical Properties

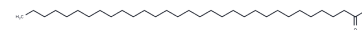
CAS No. : 38232-01-8

Formula: C₃₁H₆₂O₂

Molecular Weight: 466.82

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	Hentriacontanoic acid, a long-chain saturated fatty acid, is typically found in various plant and animal tissues, particularly in certain waxes and oils, such as beeswax and lanolin. This compound's unique chemical properties make it a vital component in numerous industrial products, including cosmetics, candles, and lubricants. It also has potential physiological roles in regulating lipid metabolism and preventing oxidative stress, although its biological functions are not yet fully understood.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1422 mL	10.7108 mL	21.4215 mL
5 mM	0.4284 mL	2.1422 mL	4.2843 mL
10 mM	0.2142 mL	1.0711 mL	2.1422 mL
50 mM	0.0428 mL	0.2142 mL	0.4284 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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