

Pentaerythritol distearate (mixture)

Chemical Properties

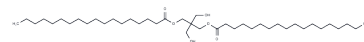
CAS No. : 13081-97-5

Formula: C41H80O6

Molecular Weight: 669.0703

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	Pentaerythritol distearate (mixture) is a blend of ester compounds, primarily used as a thickening, emulsifying, or lubricating agent in numerous cosmetics and personal care products. Additionally, it serves as a plasticizer or stabilizer in the production of plastics and resins. With its unique chemical properties, pentaerythritol distearate (mixture) is a vital component in various industrial processes, including the manufacturing of adhesives, coatings, and sealants.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4946 mL	7.4731 mL	14.9461 mL
5 mM	0.2989 mL	1.4946 mL	2.9892 mL
10 mM	0.1495 mL	0.7473 mL	1.4946 mL
50 mM	0.0299 mL	0.1495 mL	0.2989 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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