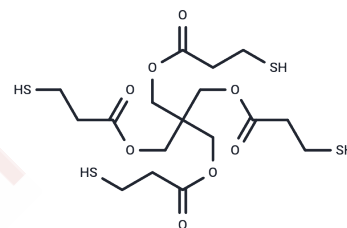


Pentaerythritol tetra(3-mercaptopropionate)

Chemical Properties

CAS No. :	7575-23-7
Formula:	C17H28O8S4
Molecular Weight:	488.659
Storage:	Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Pentaerythritol tetra(3-mercaptopropionate) is an organic compound that features both pentaerythritol and mercaptopropionate ester groups. This compound is commonly employed as a stabilizer and cross-linking agent in various chemical and industrial applications. Its properties make it suitable for enhancing the mechanical strength, thermal stability, and weather resistance of polymers and coatings. Additionally, it serves as a raw material for the production of other specialty chemicals and materials.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0464 mL	10.2321 mL	20.4641 mL
5 mM	0.4093 mL	2.0464 mL	4.0928 mL
10 mM	0.2046 mL	1.0232 mL	2.0464 mL
50 mM	0.0409 mL	0.2046 mL	0.4093 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.

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