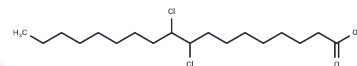


9,10-Dichlorostearic acid

Chemical Properties

CAS No. :	5829-48-1
Formula:	C ₁₈ H ₃₄ Cl ₂ O ₂
Molecular Weight:	353.37
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	9,10-Dichlorostearic acid is a chlorinated stearic acid with antimutagenic properties. In vitro studies indicate that it induces membrane damage in mammalian tumor cells, resulting in the leakage of adenosine triphosphate (ATP).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8299 mL	14.1495 mL	28.299 mL
5 mM	0.566 mL	2.8299 mL	5.6598 mL
10 mM	0.283 mL	1.4149 mL	2.8299 mL
50 mM	0.0566 mL	0.283 mL	0.566 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

G Ewald, et al. ATP leakage from ELD cells after exposure to stearic, monochlorostearic, dichlorostearic, and oleic acids. Pharmacol Toxicol

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