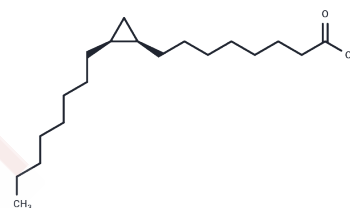


cis-9,10-Methyleneoctadecanoic Acid

Chemical Properties

CAS No. :	4675-61-0
Formula:	C19H36O2
Molecular Weight:	296.49
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	cis-9,10-Methyleneoctadecanoic acid is a cyclopropane fatty acid found in bacteria and the digestive gland of <i>P. globosa</i> , forming a component of <i>S. aureus</i> cell membranes with levels that decrease upon treatment with carvacrol. Secreted by <i>H. pylori</i> , it enhances histamine- and dibutyryl cAMP-stimulated acid secretion in isolated guinea pig parietal cells and activates protein kinase C (PKC) in a calcium-dependent manner.
Targets(IC50)	Others

Solubility Information

Solubility	Chloroform: Soluble Ethanol: Soluble Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3728 mL	16.864 mL	33.728 mL
5 mM	0.6746 mL	3.3728 mL	6.7456 mL
10 mM	0.3373 mL	1.6864 mL	3.3728 mL
50 mM	0.0675 mL	0.3373 mL	0.6746 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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