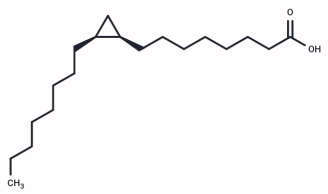
cis-9,10-Methyleneoctadecanoic Acid

Cat. No.: **SN-M-LM545**

Chemical Properties

Product Name	cis-9,10-Methyleneoctadecanoic Acid
Full Name	8-[(1R,2S)-2-octylcyclopropyl]octanoic acid
Cat. No.	SN-M-LM545
CAS No.	4675-61-0
Molecular Formula	C19H36O2
Molecular Weight	296.49
Storage	Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Solubility	Chloroform: Soluble | Ethanol: Soluble | Methanol: Soluble
Purity	98+%

Structure



Biological Description

cis-9,10-Methyleneoctadecanoic acid is a cyclopropane fatty acid that has been found in bacteria and the digestive gland of P. globosa. It is a component of S. aureus cell membranes and levels decrease upon treatment with carvacrol. cis-9,10-Methyleneoctadecanoic acid is secreted by H. pylori and enhances histamine- and dibutyryl cAMP-stimulated acid secretion in isolated guinea pig parietal cells. It also activates protein kinase C (PKC) in a calcium-dependent manner.

Related Products / Keywords

- cis-9
- 10-Methyleneoctadecanoic Acid
- cis9
- 10Methyleneoctadecanoic Acid
- cis 9
- 10 Methyleneoctadecanoic Acid

This product is a research reagent and must not be used for clinical validation or human therapeutic use.