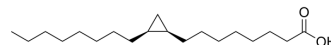


cis-9,10-Methyleneoctadecanoic Acid

Cat. No.:	HY-W127485
CAS No.:	4675-61-0
Molecular Formula:	C ₁₉ H ₃₆ O ₂
Molecular Weight:	296.49
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

cis-9,10-Methyleneoctadecanoic acid is a cyclopropane fatty acid that has been found in bacteria and in the digestive glands of *P. globosa*. It is a component of the cell membrane of *Staphylococcus aureus*, and levels were reduced after 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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