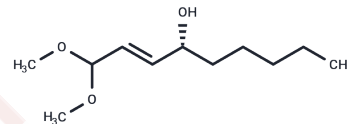


4-HNE-Dimethylacetal

Chemical Properties

CAS No. :	119009-01-7
Formula:	C ₁₁ H ₂₂ O ₃
Molecular Weight:	202.29
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	4-HNE-Dimethylacetal, an α,β -unsaturated hydroxy aldehyde, can be produced through intracellular lipid peroxidation. It is useful for researching cell signaling pathways, ranging from cell cycle events to cell adhesion.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9434 mL	24.717 mL	49.434 mL
5 mM	0.9887 mL	4.9434 mL	9.8868 mL
10 mM	0.4943 mL	2.4717 mL	4.9434 mL
50 mM	0.0989 mL	0.4943 mL	0.9887 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481