

(9Z)-16-Hydroxy-9-hexadecenoic acid

Chemical Properties

CAS No. :	1619-68-7
Formula:	C16H30O3
Molecular Weight:	270.41
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	(9Z)-16-Hydroxy-9-hexadecenoic acid is an unsaturated hydroxy fatty acid. It can be produced by the fermentation of Methyl palmitoleate using the yeast <i>Torulopsis apicola</i> .
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6981 mL	18.4904 mL	36.9809 mL
5 mM	0.7396 mL	3.6981 mL	7.3962 mL
10 mM	0.3698 mL	1.849 mL	3.6981 mL
50 mM	0.074 mL	0.3698 mL	0.7396 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.

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