

18-hydroxyoctadecanoic acid

Chemical Properties

CAS No. :	3155-42-8
Formula:	C18H36O3
Molecular Weight:	300.477
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	18-hydroxyoctadecanoic acid can be combined with 20-hydroxy-eicosanoic acid to synthesize polyester fibers.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.328 mL	16.640 mL	33.2801 mL
5 mM	0.6656 mL	3.328 mL	6.656 mL
10 mM	0.3328 mL	1.664 mL	3.328 mL
50 mM	0.0666 mL	0.3328 mL	0.6656 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.

Reference

Schleder A, et al. Insights into the organic matter composition of soda lakes in the Pantanal, Brazil, through fatty acids analysis in sediments. Environ Sci Pollut Res Int. 2023 Oct;30(47):103932-103946.

Rovira, P., et al. Plant versus microbial signature in densimetric fractions of Mediterranean forest soils: a study by thermochemolysis gas chromatography mass spectrometry. J Soils Sediments 19, 58-72 (2019).

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