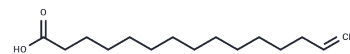


14-Pentadecenoic Acid

Chemical Properties

CAS No. :	17351-34-7
Formula:	C ₁₅ H ₂₈ O ₂
Molecular Weight:	240.387
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	14-Pentadecenoic acid, a 15-carbon long-chain fatty acid with an alkene functional group on the terminal carbon of its aliphatic tail, has been observed to undergo oxidation due to the growth of <i>M. cerificans</i> at the expense of the parent alkene. This compound is utilized in the creation of fibrous scaffold biomaterials for tissue engineering purposes and in constructing metallomesogenic side-chain polymers for coating capillary columns in gas chromatography applications.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1599 mL	20.7995 mL	41.5991 mL
5 mM	0.832 mL	4.1599 mL	8.3198 mL
10 mM	0.416 mL	2.080 mL	4.1599 mL
50 mM	0.0832 mL	0.416 mL	0.832 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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