

9-Oxooctadecanedioic acid

Chemical Properties

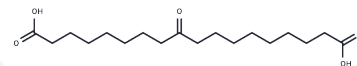
CAS No. : 2489590-40-9

Formula: C₁₈H₃₂O₅

Molecular Weight: 328.444

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	9-Oxooctadecanedioic acid is an α,ω -dicarboxylic fatty acid monomer found in the suberin of <i>Quercus suber</i> cork. It plays a role in the composition of plant structures.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0447 mL	15.2235 mL	30.447 mL
5 mM	0.6089 mL	3.0447 mL	6.0894 mL
10 mM	0.3045 mL	1.5223 mL	3.0447 mL
50 mM	0.0609 mL	0.3045 mL	0.6089 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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