

(±)9,10-DiHODE**Chemical Properties**

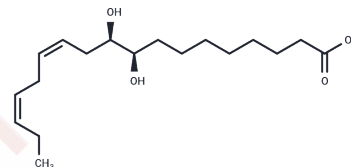
CAS No. : 1400693-71-1

Formula: C₁₈H₃₂O₄

Molecular Weight: 312.44

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	(±)9,10-DiHODE (compound 4) is a plant-derived oxylipin formed by reducing the carbonyl group of an α -ketol to produce adjacent diols. In plants, it serves as a crucial signaling molecule, influencing growth and flowering processes through regulation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2006 mL	16.0031 mL	32.0061 mL
5 mM	0.6401 mL	3.2006 mL	6.4012 mL
10 mM	0.3201 mL	1.6003 mL	3.2006 mL
50 mM	0.064 mL	0.3201 mL	0.6401 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481