

(±)13(14)-DiHDPA**Chemical Properties**

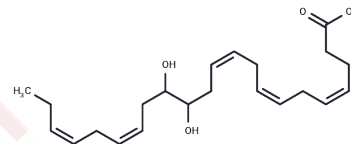
CAS No. : 1345275-24-2

Formula: C₂₂H₃₄O₄

Molecular Weight: 362.51

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	(±)13(14)-DiHDPA is a metabolite of docosahexaenoic acid that is produced via oxidation by cytochrome P450 epoxygenases. Epoxygenase metabolites of DHA, including (±)13(14)-DiHDPA, are reported to inhibit angiogenesis, tumor growth, and metastasis.
Targets(IC50)	Others, Drug Metabolite

Solubility Information

Solubility	Ethanol: 50 mg/mL (137.93 mM), Sonication is recommended. DMF: 50 mg/mL (137.93 mM), Sonication is recommended. PBS (pH 7.2): 0.25 mg/mL (0.69 mM), Sonication is recommended. DMSO: 50 mg/mL (137.93 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7585 mL	13.7927 mL	27.5854 mL
5 mM	0.5517 mL	2.7585 mL	5.5171 mL
10 mM	0.2759 mL	1.3793 mL	2.7585 mL
50 mM	0.0552 mL	0.2759 mL	0.5517 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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