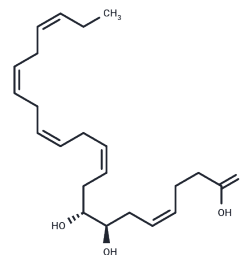


(±)7(8)-DiHDPA

## Chemical Properties

CAS No. : 168111-93-1  
 Formula: C<sub>22</sub>H<sub>34</sub>O<sub>4</sub>  
 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	(±)7(8)-DiHDPA, a major metabolite of docosahexaenoic acid produced via oxidation by cytochrome P450 epoxygenases, inhibits aggregation and thromboxane synthesis in isolated platelets.
Targets(IC50)	Others, COX

## Solubility Information

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

## 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

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481