

(±)17(18)-DiHETE**Chemical Properties**

CAS No. :

Formula:

Molecular Weight:

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	Eicosapentaenoic acid is an ω -3 fatty acid abundantly available in marine organisms. (±)17(18)-DiHETE is one of the major metabolites produced when eicosapentaenoic acid (EPA) is incubated with various rat tissue homogenates or cynomolgus monkey seminal vesicles. The route of production of (±)17(18)-DiHETE likely proceeds through cytochrome P450-catalyzed epoxidation at the ω -3 double bond followed by conversion to the vicinal diols by epoxide hydrolase. EPA is also metabolized preferentially by <i>Gaeumannomyces graminis</i> to (±)17(18)-DiHETE.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 30 mg/mL, Sonication is recommended. PBS (pH 7.2): 0.5 mg/mL, Sonication is recommended. Ethanol: 30 mg/mL, Sonication is recommended. DMF: 30 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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