

(±)16,17-EDT

Chemical Properties

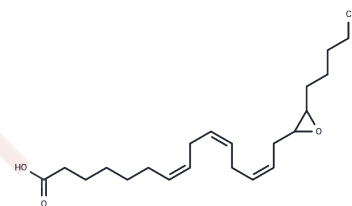
CAS No. : 351533-79-4

Formula: C₂₂H₃₆O₃

Molecular Weight: 348.52

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	(±)16,17-EDT, an oxylipin metabolite of adrenic acid produced through the cytochrome P450 (CYP) pathway, effectively induces dilation in isolated porcine arterioles (EC ₅₀ = 11 pM) and promotes relaxation of isolated bovine coronary arteries previously contracted by the TP receptor agonist U-46619.
Targets(IC ₅₀)	Others,Endogenous Metabolite

Solubility Information

Solubility	Ethanol: 10 mg/mL (28.69 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	2.8693 mL	14.3464 mL	28.6928 mL
5 mM	0.5739 mL	2.8693 mL	5.7386 mL
10 mM	0.2869 mL	1.4346 mL	2.8693 mL
50 mM	0.0574 mL	0.2869 mL	0.5739 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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