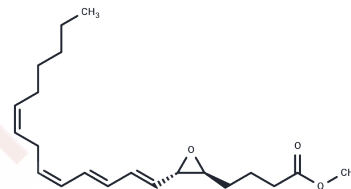


Leukotriene A4 methyl ester

Chemical Properties

CAS No. :	73466-12-3
Formula:	C ₂₁ H ₃₂ O ₃
Molecular Weight:	332.484
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	Leukotriene A4 methyl ester can be converted into leukotriene C4 monomethyl ester catalyzed by the major alkaline cytosolic glutathione transferase in rat liver, which can be used in metabolism-related studies.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: >50 mg/mL, Sonication is recommended. PBS (pH 7.2): Insoluble and unstable DMF: >50 mg/mL, Sonication is recommended. Ethanol: >50 mg/mL, Sonication is recommended. Acetone: >50 mg/mL, 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	3.0077 mL	15.0385 mL	30.077 mL
5 mM	0.6015 mL	3.0077 mL	6.0154 mL
10 mM	0.3008 mL	1.5038 mL	3.0077 mL
50 mM	0.0602 mL	0.3008 mL	0.6015 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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