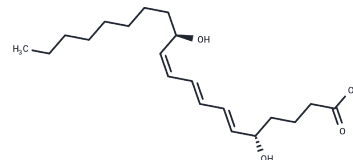


Leukotriene B3

Chemical Properties

CAS No. : 88099-35-8
Formula: C₂₀H₃₄O₄
Molecular Weight: 338.488
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description LTB3 is the LTA hydrolase metabolite of LTA3 in the leukotriene biosynthetic pathway. LTB3 and LTB4 are equipotent in their pro-inflammatory effects. However, LTB3 is five times less potent than LTB4 in eliciting chemotaxis of human neutrophils.

Solubility Information

Solubility DMSO: Miscible
Ethanol: Miscible
DMF: Miscible
PBS (pH 7.2): >1 mg/mL (from 13(S)-HODE)
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9543 mL	14.7715 mL	29.543 mL
5 mM	0.5909 mL	2.9543 mL	5.9086 mL
10 mM	0.2954 mL	1.4771 mL	2.9543 mL
50 mM	0.0591 mL	0.2954 mL	0.5909 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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