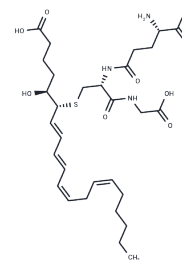


Leukotriene C4

Chemical Properties

CAS No. :	72025-60-6
Formula:	C30H47N3O9S
Molecular Weight:	625.77
Storage:	Store at low temperature
	Pure form: -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 C4 (LTC4) is an arachidonate lipid mediator that regulates leukocyte recruitment and function at sites of inflammation. Leukotriene C4 is a mediator of bronchoconstriction, mucus hypersecretion, and eosinophilia, and has a mediating role in urticaria.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.598 mL	7.9902 mL	15.9803 mL
5 mM	0.3196 mL	1.598 mL	3.1961 mL
10 mM	0.1598 mL	0.799 mL	1.598 mL
50 mM	0.032 mL	0.1598 mL	0.3196 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.

Reference

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Bannenberg G, et al. Leukotriene C4 is a tight-binding inhibitor of microsomal glutathione transferase-1. Effects of leukotriene pathway modifiers. *J Biol Chem.* 1999 Jan 22;274(4):1994-9. doi: 10.1074/jbc.274.4.1994. PMID: 9890956.

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