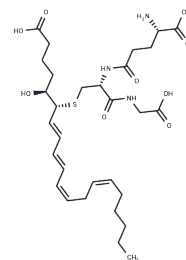


Leukotriene C4

Chemical Properties

CAS No. :	72025-60-6
Formula:	C ₃₀ H ₄₇ N ₃ O ₉ S
Molecular Weight:	625.77
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Leukotriene C4 is the conjugation product of Leukotriene A4 and glutathione. It is the major arachidonic acid metabolite in human mast cells, macrophages, and antigen-sensitized lung tissue. It stimulates mucus secretion in the lung and produces contractions of nonvascular and some vascular smooth muscle.
-------------	--

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.

Reference

Dvash E, Har-Tal M, Barak S, Meir O, Rubinstein M. Leukotriene C4 is the major trigger of stress-induced oxidative DNA damage. Nat Commun. 2015 Dec 11;6:10112. doi: 10.1038/ncomms10112. PubMed PMID: 26656251; PubMed

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481