

A1777

Chemical Properties

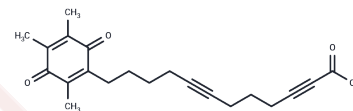
CAS No. : 90316-11-3

Formula: C₂₁H₂₄O₄

Molecular Weight: 340.41

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	A1777, a selective 5-lipoxygenase inhibitor, reduces leukocytes proliferation without affecting the eosinophils of mast cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9376 mL	14.6882 mL	29.3763 mL
5 mM	0.5875 mL	2.9376 mL	5.8753 mL
10 mM	0.2938 mL	1.4688 mL	2.9376 mL
50 mM	0.0588 mL	0.2938 mL	0.5875 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

Tanaka K, Ueno A, Katori M. Roles of leukotrienes in two rat allergic inflammatory models; IgE-mediated and IgG-antigen complex-induced pleurisy. Prostaglandins. 1986 Jun;31(6):1099-116. PubMed PMID: 3020615.

Qian J, Steigerwald K, Combs KA, Barton MC, Groden J. Caspase cleavage of the APC tumor suppressor and release of an amino-terminal domain is required for the transcription-independent function of APC in apoptosis.

Oncogene. 2007 Jul 19;26(33):4872-6. Epub 2007 Feb 5. PubMed PMID: 17297457.

Nagai K, Katori M. Possible changes in the leukocyte membrane as a mechanism of leukocyte adhesion to the venular walls induced by leukotriene B₄ and fMLP in the microvasculature of the hamster cheek pouch. Int J Microcirc Clin Exp. 1988 Nov;7(4):305-14. PubMed PMID: 2851564.

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:34 Washington Street,Wellesley Hills,MA 02481