

CGP 35949

Chemical Properties

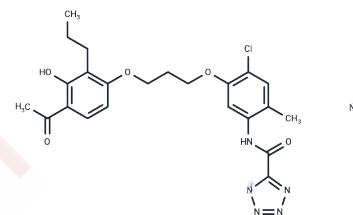
CAS No. : 111130-13-3

Formula: C₂₃H₂₅ClN₅NaO₅

Molecular Weight: 509.92

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	CGP 35949 is an LTD4 antagonist with phospholipase inhibitory activity.
Targets(IC50)	Leukotriene Receptor, Phospholipase

Solubility Information

Solubility	DMSO: 5.11 mg/mL (10.02 mM), 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	1.9611 mL	9.8055 mL	19.6109 mL
5 mM	0.3922 mL	1.9611 mL	3.9222 mL
10 mM	0.1961 mL	0.9805 mL	1.9611 mL
50 mM	0.0392 mL	0.1961 mL	0.3922 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

Beck A, et al. CGP 35949, an LTD4 antagonist with phospholipase inhibitory activity: a new approach to the treatment of asthma. Adv Prostaglandin Thromboxane Leukot Res. 1987;17B:771-4.

Bray MA, et al. CGP 35949: a potent leukotriene antagonist and inhibitor of phospholipase. Biological profile. Adv Prostaglandin Thromboxane Leukot Res. 1987;17A:526-31.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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