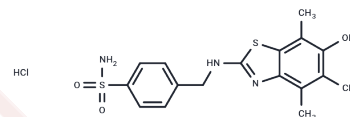


E 6080 HCl

Chemical Properties

CAS No. : 120164-49-0
 Formula: C₁₇H₂₀ClN₃O₃S₂
 Molecular Weight: 413.94
 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	E 6080 HCl is a 5-lipoxygenase inhibitor and can be used to study bronchial diseases.
Targets(IC50)	Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4158 mL	12.079 mL	24.1581 mL
5 mM	0.4832 mL	2.4158 mL	4.8316 mL
10 mM	0.2416 mL	1.2079 mL	2.4158 mL
50 mM	0.0483 mL	0.2416 mL	0.4832 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

Rao TS, Yu SS, Djuric SW, Isakson PC. Phorbol ester-induced dermal inflammation in mice: evaluation of inhibitors of 5-lipoxygenase and antagonists of leukotriene B₄ receptor. *J Lipid Mediat Cell Signal.* 1994 Sep;10(3):213-28.
 Chand N, Harrison JE, Sofia RD. Effect of PAF-antagonists on aeroallergen-induced bronchial eosinophilia in guinea pigs: a therapeutic approach. *Res Commun Mol Pathol Pharmacol.* 1994 Oct;86(1):75-82.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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