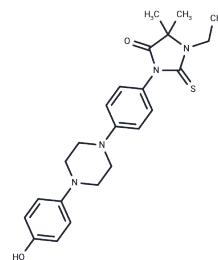


5-Lipoxygenase-In-1

Chemical Properties

CAS No. :	125235-15-6
Formula:	C ₂₃ H ₂₈ N ₄ O ₂ S
Molecular Weight:	424.56
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	5-Lipoxygenase-In-1 (compound example 4.10) is a 5-Lipoxygenase inhibitor.
Targets(IC50)	Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3554 mL	11.7769 mL	23.5538 mL
5 mM	0.4711 mL	2.3554 mL	4.7108 mL
10 mM	0.2355 mL	1.1777 mL	2.3554 mL
50 mM	0.0471 mL	0.2355 mL	0.4711 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

Wauwe V, et al. 5-Lipoxygenase-inhibiting 4-(4-phenyl-1-piperazinyl)phenols and their preparation and pharmaceutical compositions. EP0331232A2

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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