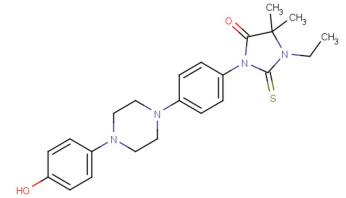


Data Sheet (Cat.No.T10151)

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
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	5-Lipoxygenase-In-1 (compound example 4.10) is a 5-Lipoxygenase inhibitor extracted from patent EP 331232 A2.
Targets(IC ₅₀)	5-Lipoxygenase: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.355 mL	11.777 mL	23.554 mL
5 mM	0.471 mL	2.355 mL	4.711 mL
10 mM	0.236 mL	1.178 mL	2.355 mL
50 mM	0.047 mL	0.236 mL	0.471 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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