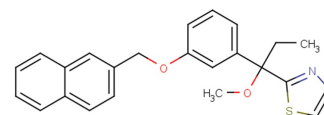


ICI 211965

Chemical Properties

CAS No.:	129424-08-4
Formula:	C ₂₄ H ₂₃ NO ₂ S
Molecular Weight:	389.51
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	ICI 211965 is a selective and orally potent of 5-Lipoxygenase (5-LPO).
Targets(IC ₅₀)	5-LPO: None
In vitro	ICI 211965 decreases the leakage of lactate dehydrogenase (LD). The lipid peroxidation at concentrations related to its antioxidative effect and not to its 5-lipoxygenase-inhibiting effect.

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	2.567 mL	12.837 mL	25.673 mL
5 mM	0.513 mL	2.567 mL	5.135 mL
10 mM	0.257 mL	1.284 mL	2.567 mL
50 mM	0.051 mL	0.257 mL	0.513 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. Crawley GC, et al. Methoxytetrahydropyrans. A new series of selective and orally potent 5-lipoxygenase inhibitors. J Med Chem. 1992 Jul 10;35(14):2600-9.

Inhibitors · Natural Compounds · Compound Libraries

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