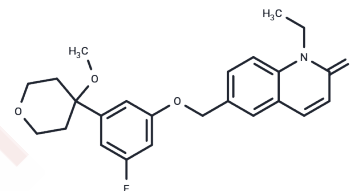


ZM 230487

Chemical Properties

CAS No. : 155944-23-3
 Formula: C₂₄H₂₆FNO₄
 Molecular Weight: 411.47
 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	ZM 230487 is a 5-lipoxygenase inhibitor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4303 mL	12.1516 mL	24.3031 mL
5 mM	0.4861 mL	2.4303 mL	4.8606 mL
10 mM	0.243 mL	1.2152 mL	2.4303 mL
50 mM	0.0486 mL	0.243 mL	0.4861 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

Teixeira MM, Hellewell PG. Effect of a 5-lipoxygenase inhibitor, ZM 230487, on cutaneous allergic inflammation in the guinea-pig. *Br J Pharmacol.* 1994 Apr;111(4):1205-11. PubMed PMID: 8032607; PubMed Central PMCID: PMC1910165.

Werz O, Szellas D, Henseler M, Steinhilber D. Nonredox 5-lipoxygenase inhibitors require glutathione peroxidase for efficient inhibition of 5-lipoxygenase activity. *Mol Pharmacol.* 1998 Aug;54(2):445-51. PubMed PMID: 9687587.
 Trandafir CC, Nishihashi T, Wang A, Murakami S, Ji X, Kurahashi K. Participation of vasopressin in the development of cerebral vasospasm in a rat model of subarachnoid haemorrhage. *Clin Exp Pharmacol Physiol.* 2004 Apr;31(4):261-6. PubMed PMID: 15053824.

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Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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