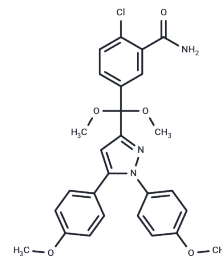


ER-34122

Chemical Properties

CAS No. : 179325-62-3
 Formula: C₂₇H₂₆ClN₃O₅
 Molecular Weight: 507.96
 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	ER-34122, a novel orally available dual 5-lipoxygenase/cyclooxygenase inhibitor, exhibits potent anti-inflammatory activity in an arachidonic acid-induced ear inflammation model.
Targets(IC50)	COX,Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9687 mL	9.8433 mL	19.6866 mL
5 mM	0.3937 mL	1.9687 mL	3.9373 mL
10 mM	0.1969 mL	0.9843 mL	1.9687 mL
50 mM	0.0394 mL	0.1969 mL	0.3937 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

Horizoe T, et al. Effects of ER-34122, a novel dual 5-lipoxygenase/cyclooxygenase inhibitor, on indices of early articular lesion in MRL/MpJ-lpr/lpr mice. *Inflamm Res.* 1999 Aug;48(8):432-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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