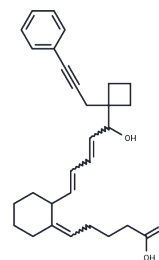


ZK-158252

Chemical Properties

CAS No. : 245742-21-6
 Formula: C₂₉H₃₆O₃
 Molecular Weight: 432.59
 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	ZK-158252 is a selective antagonist of BLT1 receptor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3117 mL	11.5583 mL	23.1166 mL
5 mM	0.4623 mL	2.3117 mL	4.6233 mL
10 mM	0.2312 mL	1.1558 mL	2.3117 mL
50 mM	0.0462 mL	0.2312 mL	0.4623 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

Singh VP, Patil CS, Kulkarni SK. Differential effect of zileuton, a 5-lipoxygenase inhibitor, against nociceptive paradigms in mice and rats. *Pharmacol Biochem Behav.* 2005 Jul;81(3):433-9. PubMed PMID: 15935457.

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