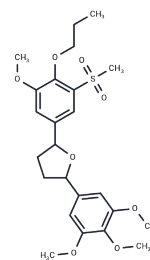


L 659989

Chemical Properties

CAS No. : 129314-27-8
 Formula: C₂₄H₃₂O₈S
 Molecular Weight: 480.57
 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	L 659989 is an antagonist of the Platelet-activating factor receptor.
Targets(IC50)	Others,PAFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0809 mL	10.4043 mL	20.8086 mL
5 mM	0.4162 mL	2.0809 mL	4.1617 mL
10 mM	0.2081 mL	1.0404 mL	2.0809 mL
50 mM	0.0416 mL	0.2081 mL	0.4162 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

- Birk-Sørensen L, Kerrigan CL, Wang C. Platelet activating factor antagonism in pure skin flaps exposed to ischaemia-reperfusion injury. *Scand J Plast Reconstr Surg Hand Surg.* 1999 Jun;33(2):155-61. PubMed PMID: 10450571.
- Gómez-Muñoz A, O'Brien L, Steinbrecher UP. The platelet-activating factor receptor antagonist L-659,989 inhibits phospholipase D activity. *Biochim Biophys Acta.* 1999 May 18;1438(2):247-52. PubMed PMID: 10320807.
- Stotland MA, Kerrigan CL. The role of platelet-activating factor in musculocutaneous flap reperfusion injury. *Plast Reconstr Surg.* 1997 Jun;99(7):1989-99; discussion 2000-1. PubMed PMID: 9180723.
- Herbertson MJ, Werner HA, Walley KR. Platelet-activating factor antagonism improves ventricular contractility in endotoxemia. *Crit Care Med.* 1997 Feb;25(2):221-6. PubMed PMID: 9034254.

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