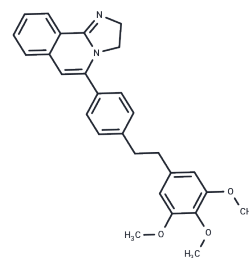


PAF-AN-1

Chemical Properties

CAS No. :	115621-84-6
Formula:	C ₂₈ H ₂₈ N ₂ O ₃
Molecular Weight:	440.53
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	PAF-AN-1 is a novel potent platelet-activating factor receptor (PAF) antagonist involved in the study of anaphylactic death.
Targets(IC50)	PAFR
In vitro	Extracted from patent EP0469477A1, page 2, line 47, PAF-AN-1 is a 5-aryl-2,3-dihydroimidazo[2,1-a]isoquinoline analog. When administered orally to the guinea pig, PAF-AN-1 inhibits PAF-induced bronchoconstriction and hemoconcentration[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.270 mL	11.350 mL	22.6999 mL
5 mM	0.454 mL	2.270 mL	4.540 mL
10 mM	0.227 mL	1.135 mL	2.270 mL
50 mM	0.0454 mL	0.227 mL	0.454 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

Houlihan WJ, et al. Structural modification of 5-aryl-2,3-dihydroimidazo[2,1-a]isoquinoline platelet activating factor receptor antagonists. J Med Chem. 1993 Oct 15;36(21):3098-102.

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