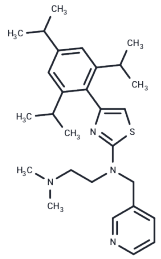
Data Sheet (Cat.No.T15338)

TargetMol

Foropafant

Chemical Properties



CAS No. : 136468-36-5

Formula: C28H40N4S

Molecular Weight: 464.71

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	Foropafant (SR27417) is a highly potent and selective platelet-activating factor (PAF) receptor antagonist (Ki: 57 pM). Foropafant potently inhibits the PAF-induced aggregation of rabbit and human platelets.
Targets(IC50)	Platelet aggregation,PAFR

Solubility Information

Solubility	DMSO: 50 mg/mL (107.59 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4.3 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1519 mL	10.7594 mL	21.5188 mL
5 mM	0.4304 mL	2.1519 mL	4.3038 mL
10 mM	0.2152 mL	1.0759 mL	2.1519 mL
50 mM	0.043 mL	0.2152 mL	0.4304 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

Herbert JM, et al. Biochemical and pharmacological activities of SR 27417, a highly potent, long-acting platelet-activating factor receptor antagonist. J Pharmacol Exp Ther. 1991 Oct;259(1):44-51.

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