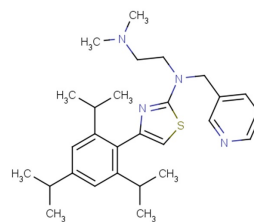


Foropafant

Chemical Properties

CAS No.:	136468-36-5
Formula:	C ₂₈ H ₄₀ N ₄ S
Molecular Weight:	464.72
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Foropafant is a competitive, selective, and orally active platelet-activating factor (PAF) receptor antagonist (K _i : 57 pM). Foropafant potently inhibits PAF-induced aggregation of rabbit and human platelets.
Targets(IC ₅₀)	[³ H]PAF binding: (k _i) 57 pM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.152 mL	10.759 mL	21.518 mL
5 mM	0.43 mL	2.152 mL	4.304 mL
10 mM	0.215 mL	1.076 mL	2.152 mL
50 mM	0.043 mL	0.215 mL	0.43 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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