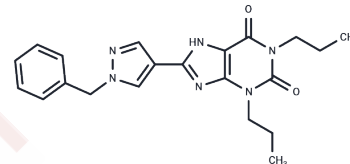


A2B receptor antagonist 1

Chemical Properties

CAS No. :	531506-36-2
Formula:	C ₂₁ H ₂₄ N ₆ O ₂
Molecular Weight:	392.45
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	A2B receptor antagonist 1 is a small molecule antagonist and an A2B adenosine receptor antagonist with potent antagonistic activity, and can be used for research on adenosine receptor-related diseases.
Targets(IC50)	Adenosine Receptor

Solubility Information

Solubility	DMSO: 15.47 mg/mL (39.42 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5481 mL	12.7405 mL	25.481 mL
5 mM	0.5096 mL	2.5481 mL	5.0962 mL
10 mM	0.2548 mL	1.274 mL	2.5481 mL
50 mM	0.051 mL	0.2548 mL	0.5096 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

Rao Kalla, et al. A2b adenosine receptor antagonists for treating cancer. WO 2009157938 A1.

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