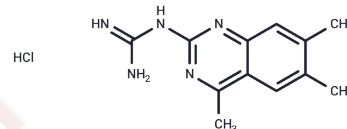


A2B receptor antagonist 2 hydrochloride

Chemical Properties

CAS No. :	724-70-9
Formula:	C ₁₂ H ₁₆ ClN ₅
Molecular Weight:	265.74
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 2 hydrochloride is an antagonist of adenosine receptor A2B (K _i = 2.30 μM for rA1, 6.8 μM for rA2A, 3.44 μM for hA2B).
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 6.67 mg/mL (25.1 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	3.7631 mL	18.8154 mL	37.6308 mL
5 mM	0.7526 mL	3.7631 mL	7.5262 mL
10 mM	0.3763 mL	1.8815 mL	3.7631 mL
50 mM	0.0753 mL	0.3763 mL	0.7526 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

Rosowsky A, et al. Quinazolines. II. 2-Guanidino-4,6,7-trimethylquinazoline as a by-product in the three-component synthesis of 4,6-diamino-2,2-dimethyl-1-(3,4-xylyl)-1,2-dihydro-s-triazine-1,2. J Org Chem. 1965;30(1):285-288.

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