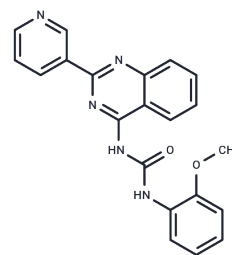


VUF 5574

Chemical Properties

CAS No. : 280570-45-8
 Formula: C₂₁H₁₇N₅O₂
 Molecular Weight: 371.39
 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	VUF 5574 is a selective antagonist of adenosine A3 receptor with a K _i of 4.03 nM for the recombinant human receptor.
Targets(IC50)	Adenosine Receptor

Solubility Information

Solubility	DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6926 mL	13.4629 mL	26.9259 mL
5 mM	0.5385 mL	2.6926 mL	5.3852 mL
10 mM	0.2693 mL	1.3463 mL	2.6926 mL
50 mM	0.0539 mL	0.2693 mL	0.5385 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

van Muijlwijk-Koezen JE, et al. Isoquinoline and quinazoline urea analogues as antagonists for the human adenosine A(3) receptor. J Med Chem. 2000 Jun 1;43(11):2227-38.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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