

A3AR agonist 4

Chemical Properties

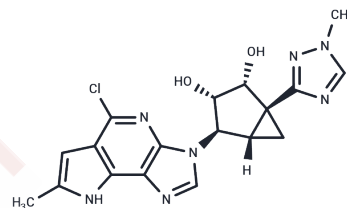
CAS No. : 3032475-23-0

Formula: C₁₈H₁₈ClN₇O₂

Molecular Weight: 399.83

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	A3AR agonist 4, an A3 adenosine receptor (A3AR) agonist, exhibits an inhibitory affinity (K _i) of 1.24 nM for hA3AR and dampens cAMP production with an EC ₅₀ value of 0.17 nM. It is utilized in the study of inflammation and pain [1].
Targets(IC ₅₀)	Adenosine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5011 mL	12.5053 mL	25.0106 mL
5 mM	0.5002 mL	2.5011 mL	5.0021 mL
10 mM	0.2501 mL	1.2505 mL	2.5011 mL
50 mM	0.050 mL	0.2501 mL	0.5002 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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