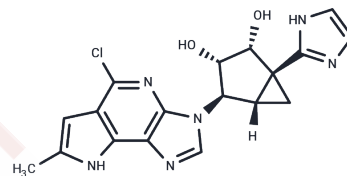


## A3AR agonist 5

## Chemical Properties

CAS No. :	3032475-38-7
Formula:	C <sub>18</sub> H <sub>17</sub> ClN <sub>6</sub> O <sub>2</sub>
Molecular Weight:	384.82
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	Compound 6b, also known as A3AR agonist 5, serves as an A3 adenosine receptor (A3AR) activator and exhibits potent EC <sub>50</sub> and K <sub>i</sub> values of 0.14 nM and 6.36 nM for cAMP and hA3, respectively. This compound is primarily utilized in research related to pain and inflammation [1].
Targets(IC <sub>50</sub> )	Adenosine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5986 mL	12.9931 mL	25.9862 mL
5 mM	0.5197 mL	2.5986 mL	5.1972 mL
10 mM	0.2599 mL	1.2993 mL	2.5986 mL
50 mM	0.052 mL	0.2599 mL	0.5197 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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