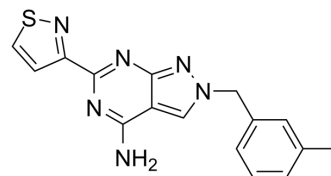


## Adenosine receptor antagonist 3

Cat. No.:	HY-144419		
CAS No.:	2400864-80-2		
Molecular Formula:	C <sub>16</sub> H <sub>14</sub> N <sub>6</sub> S		
Molecular Weight:	322.39		
Target:	Adenosine Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 62.5 mg/mL (193.86 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1018 mL	15.5092 mL	31.0183 mL
	5 mM	0.6204 mL	3.1018 mL	6.2037 mL
	10 mM	0.3102 mL	1.5509 mL	3.1018 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Adenosine receptor antagonist 3 is a potent antagonist of adenosine receptor. Adenosine receptor antagonist 3 has the potential for the research of cancer disease (extracted from patent WO2019233994A1, compound 1)<sup>[1]</sup>.

### REFERENCES

[1]. Andrew Simon Bell, et al. Pyrazolopyrimidine compounds as adenosine receptor antagonists. Patent WO2019233994A1.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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