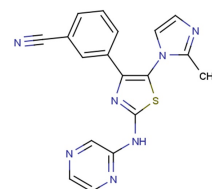


## Adenosine antagonist-1

**Chemical Properties**

CAS No.:	431040-19-6
Formula:	C18H13N7S
Molecular Weight:	359.41
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Adenosine antagonist-1 is an adenosine A3 receptor (AA3R) antagonist.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.782 mL	13.912 mL	27.823 mL
5 mM	0.556 mL	2.782 mL	5.565 mL
10 mM	0.278 mL	1.391 mL	2.782 mL
50 mM	0.056 mL	0.278 mL	0.556 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. de Graaf C, et al. Molecular modeling of the second extracellular loop of G-protein coupled receptors and its implication on structure-based virtual screenin. Proteins. 2008 May 1;71(2):599-620.

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