# Data Sheet (Cat.No.T21620)

TargetMol

## Adenosine receptor antagonist 4

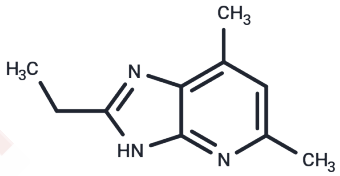
### Chemical Properties

CAS No. : 133240-06-9

Formula: C10H13N3

Molecular Weight: 175.23

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 | Adenosine receptor antagonist 4 is an adenosine receptor antagonist. |
| Targets(IC50) | Adenosine Receptor |

### Solubility Information

| | |
|---|---|
| Solubility | DMSO: 55 mg/mL (313.87 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween-80+45% Saline: 5 mg/mL (28.53 mM),Sonication is recommended.<br>*Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.* |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 5.7068 mL | 28.5339 mL | 57.0679 mL |
| 5 mM | 1.1414 mL | 5.7068 mL | 11.4136 mL |
| 10 mM | 0.5707 mL | 2.8534 mL | 5.7068 mL |
| 50 mM | 0.1141 mL | 0.5707 mL | 1.1414 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

Chang LC, et al. 2,6,8-trisubstituted 1-deazapurines as adenosine receptor antagonists. J Med Chem. 2007 Feb 22; 50(4):828-34.



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