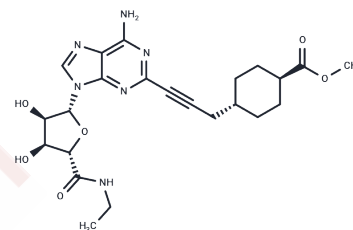


## Apadenoson

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 250386-15-3   |
| Formula:          | C <sub>23</sub> H <sub>30</sub> N <sub>6</sub> O <sub>6</sub>   |
| Molecular Weight: | 486.52  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | Apadenoson is a potent Adenosine A2 receptor agonist with inhibitory effects on Adenosine A3 receptors with an IC of 45 nM. Apadenoson has anti-inflammatory activity and can be used to study neurological diseases. |
| Targets(IC50) | Others, Adenosine Receptor  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.0554 mL | 10.2771 mL | 20.5541 mL |
| 5 mM  | 0.4111 mL | 2.0554 mL  | 4.1108 mL  |
| 10 mM | 0.2055 mL | 1.0277 mL  | 2.0554 mL  |
| 50 mM | 0.0411 mL | 0.2055 mL  | 0.4111 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

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