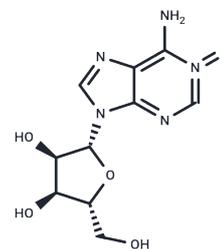


Adenosine N1-oxide

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 146-92-9 |
| Formula: | C10H13N5O5 |
| Molecular Weight: | 283.24 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|---------------|---|
| Description | Adenosine N1-oxide (1-Oxoadenosine), which is found in royal jelly, inhibited the secretion of inflammatory mediators by activated macrophages and reduced lethality in lipopolysaccharide (LPS)-induced endotoxin shock. |
| Targets(IC50) | Immunology/Inflammation related |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 60 mg/ml (211.83 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.5306 mL | 17.6529 mL | 35.3057 mL |
| 5 mM | 0.7061 mL | 3.5306 mL | 7.0611 mL |
| 10 mM | 0.3531 mL | 1.7653 mL | 3.5306 mL |
| 50 mM | 0.0706 mL | 0.3531 mL | 0.7061 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.

Reference

Kohno K, Ohashi E, et al. Anti-inflammatory effects of adenosine N1-oxide. *J Inflamm (Lond)*. 2015 Jan 20;12(1):2.
 Ohashi E, Kohno K, Arai N, Harashima A, Ariyasu T, Ushio S. Adenosine N1-Oxide Exerts Anti-inflammatory Effects

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481