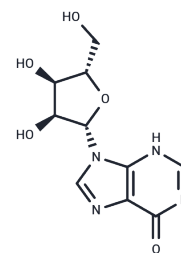


L-Inosine

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 21138-24-9 |
| Formula: | C ₁₀ H ₁₂ N ₄ O ₅ |
| Molecular Weight: | 268.23 |
| 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 | L-Inosine, the L-configuration of Inosine, is an endogenous purine nucleoside derived from adenosine catabolism. It exhibits anti-inflammatory, antinociceptive (pain-relieving), immunomodulatory (immune system-modulating), and neuroprotective effects [1] [2]. |
| Targets(IC50) | Nucleoside Antimetabolite/Analog,Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.7281 mL | 18.6407 mL | 37.2814 mL |
| 5 mM | 0.7456 mL | 3.7281 mL | 7.4563 mL |
| 10 mM | 0.3728 mL | 1.8641 mL | 3.7281 mL |
| 50 mM | 0.0746 mL | 0.3728 mL | 0.7456 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.

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:34 Washington Street,Wellesley Hills,MA 02481