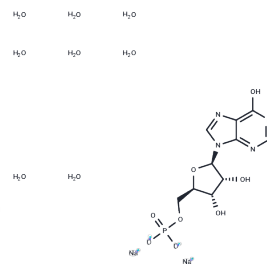


Inosine-5'-monophosphate (sodium salt hydrate)

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 20813-76-7 |
| Formula: | C ₁₀ H ₂₉ N ₄ Na ₂ O ₁₆ P |
| Molecular Weight: | 538.31 |
| 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 | substrate of IMP dehydrogenase (IMPDH) |
| Targets(IC50) | Others,Endogenous Metabolite |

Solubility Information

| | |
|------------|--|
| Solubility | PBS, pH 7.2: ≤10 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8577 mL | 9.2883 mL | 18.5767 mL |
| 5 mM | 0.3715 mL | 1.8577 mL | 3.7153 mL |
| 10 mM | 0.1858 mL | 0.9288 mL | 1.8577 mL |
| 50 mM | 0.0372 mL | 0.1858 mL | 0.3715 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

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