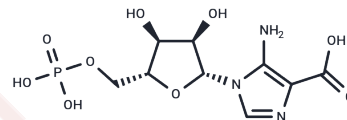


Carboxyaminoimidazole ribotide

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 6001-14-5 |
| Formula: | C ₉ H ₁₄ N ₃ O ₉ P |
| Molecular Weight: | 339.2 |
| 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 | Carboxyaminoimidazole ribotide (CAIR), a metabolite of E. coli, serves as a marker for identifying unique characteristics of the E. coli PurE active site and facilitates the de novo synthesis of purine in fungi [1]. |
| Targets(IC50) | Others,Endogenous Metabolite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9481 mL | 14.7406 mL | 29.4811 mL |
| 5 mM | 0.5896 mL | 2.9481 mL | 5.8962 mL |
| 10 mM | 0.2948 mL | 1.4741 mL | 2.9481 mL |
| 50 mM | 0.059 mL | 0.2948 mL | 0.5896 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

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