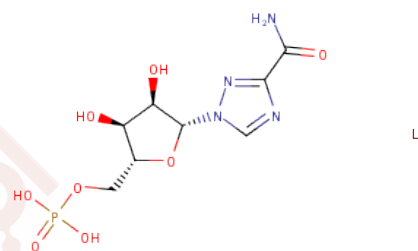


Ribavirin 5'-monophosphate (lithium salt)

Chemical Properties

CAS No. : 66983-94-6
 Formula: C₈H₁₁Li₂N₄O₈P
 Molecular Weight: 336.05
 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 | Ribavirin 5'-monophosphate (lithium salt) directly inhibits IMP dehydrogenase (converts IMP to XMP). |
| Targets(IC50) | Nucleoside Antimetabolite/Analog,Others |

Solubility Information

| | |
|------------|---|
| Solubility | PBS (pH 7.2): 10 mg/mL (29.76 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9757 mL | 14.8787 mL | 29.7575 mL |
| 5 mM | 0.5951 mL | 2.9757 mL | 5.9515 mL |
| 10 mM | 0.2976 mL | 1.4879 mL | 2.9757 mL |
| 50 mM | 0.0595 mL | 0.2976 mL | 0.5951 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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