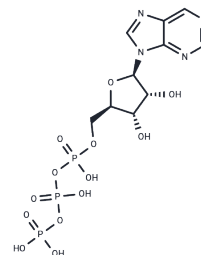


Purine riboside triphosphate

Chemical Properties

CAS No. : 23197-96-8
Formula: C₁₀H₁₅N₄O₁₃P₃
Molecular Weight: 492.166
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Purine riboside triphosphate, a derivative of purine riboside, exhibits structural similarity to adenosine. This naturally occurring base analog possesses inhibitory effects on carcinogenic growth, particularly in cancer ascites cells, by strongly impeding RNA and DNA synthesis.
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0318 mL	10.1591 mL	20.3182 mL
5 mM	0.4064 mL	2.0318 mL	4.0636 mL
10 mM	0.2032 mL	1.0159 mL	2.0318 mL
50 mM	0.0406 mL	0.2032 mL	0.4064 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

Bohr V. Effects of purine riboside on nucleic acid synthesis in ascites cells. Biochim Biophys Acta. 1978;519(1):125-137.

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