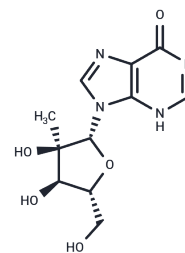


2'-beta-C-Methyl inosine

Chemical Properties

CAS No. :	374750-32-0
Formula:	C ₁₁ H ₁₄ N ₄ O ₅
Molecular Weight:	282.25
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	2'-beta-C-Methyl inosine (2'-C-Methylinosine) is an HCV RNA polymerase inhibitor with antiviral activity and is being studied for the treatment of hepatitis C virus infection.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Antiviral,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.543 mL	17.7148 mL	35.4296 mL
5 mM	0.7086 mL	3.543 mL	7.0859 mL
10 mM	0.3543 mL	1.7715 mL	3.543 mL
50 mM	0.0709 mL	0.3543 mL	0.7086 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.

Reference

Robak T, et al. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012;18(23):3373-88.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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