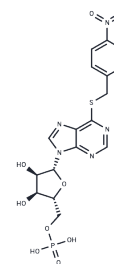


Nitrobenzylthioinosine 5'-monophosphate

Chemical Properties

CAS No. :	65199-10-2
Formula:	C17H18N5O9PS
Molecular Weight:	499.39
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	Nitrobenzylthioinosine 5'-monophosphate (NBMPR-P) is a nucleoside analogue and the prodrug form of the potent nucleoside transport inhibitor Nitro-benzylthioinosine (NBMPR). NBMPR-P effectively obstructs nucleoside transport in vivo and mitigates host toxicity in tumor-bearing mice subjected to high-dose tuberculin administration.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0024 mL	10.0122 mL	20.0244 mL
5 mM	0.4005 mL	2.0024 mL	4.0049 mL
10 mM	0.2002 mL	1.0012 mL	2.0024 mL
50 mM	0.040 mL	0.2002 mL	0.4005 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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