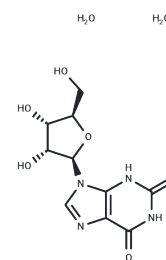


Xanthosine dihydrate

Chemical Properties

CAS No. :	5968-90-1
Formula:	C ₁₀ H ₁₆ N ₄ O ₈
Molecular Weight:	320.26
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Xanthosine is produced by guanine-free mutants of bacteria e.g. <i>Bacillus subtilis</i> , <i>Aerobacter aerogenes</i> . Xanthosine monophosphate is an intermediate in purine metabolism, formed from IMP, and forming GMP.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 60 mg/mL (187.35 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1225 mL	15.6123 mL	31.2246 mL
5 mM	0.6245 mL	3.1225 mL	6.2449 mL
10 mM	0.3122 mL	1.5612 mL	3.1225 mL
50 mM	0.0624 mL	0.3122 mL	0.6245 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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