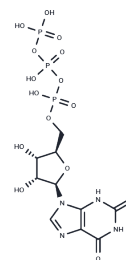


## Xanthosine-5'-Triphosphate

## Chemical Properties

CAS No. :	6253-56-1
Formula:	C10H15N4O15P3
Molecular Weight:	524.164
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	Xanthosine-5'-Triphosphate (5'-XTP), a nucleotide resulting from the deamination of purine bases, is essential in various biological processes.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,DNA/RNA Synthesis,Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9078 mL	9.5391 mL	19.0781 mL
5 mM	0.3816 mL	1.9078 mL	3.8156 mL
10 mM	0.1908 mL	0.9539 mL	1.9078 mL
50 mM	0.0382 mL	0.1908 mL	0.3816 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

Davies O, et, al. Characterisation of multiple substrate-specific (d)ITP/(d)XTPase and modelling of deaminated purine nucleotide metabolism. BMB Rep. 2012 Apr;45(4):259-64.

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