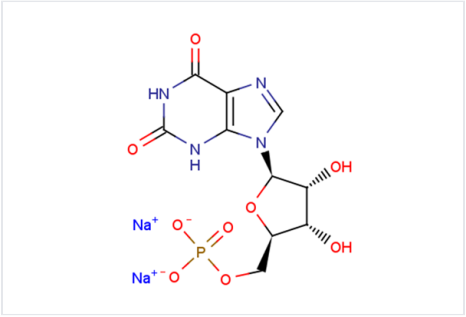
XMP Inhibitor

PRODUCT OVERVIEW

Product Name	XMP, Inhibitor
Full Product Name	XMP
Product Synonym Names	L-XMP Sodium
Form/Format	Solid. Powder
Purity/Purification	99.00%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	408.17
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Formula	C10H11N4Na2O9P
SMILES	C1=NC2=C(N1[C@H]3[C@@H]([C@@H]([C@H](O3)COP(=O)(O)O)O)O)N=C(N=C2[O-])[O-].[Na+].[Na+]
CAS Number	25899-70-1
Target & IC50	Others
Related Product Information for XMP, inhibitor	MBS5759007 is an inhibitor targeting XMP. XMP is an intermediate in purine metabolism.
Product References and Citations for XMP, inhibitor	Noguchi Y, Shimba N, Kawahara Y, et al. 31PnMR studies of energy metabolism in xanthosine-5'-monophosphate overproducing Corynebacterium ammoniagenes [J]. FEBS Journal, 2003, 270(12):2622-2626. Noguchi Y, Shimba N, Kawahara Y, et al. 31PnMR studies of energy metabolism in xanthosine-5'-monophosphate overproducing Corynebacterium ammoniagenes [J]. FEBS Journal, 2003, 270(12):2622-2626. Sigel H, Operschall B P, Griesser R. Xanthosine 5'-monophosphate (XMP). Acid-base and metal ion-binding properties of a chameleon-like nucleotide[J]. Chemical Society Reviews, 2009, 38(8):2465. Sigel H, Operschall B P, Griesser R. Xanthosine 5'-monophosphate (XMP). Acid-base and metal ion-binding properties of a chameleon-like nucleotide[J]. Chemical Society Reviews, 2009, 38(8):2465.
Other Notes	Small volumes of XMP, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Structure of XMP, inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/inhibitor/xmp/5759007