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Product Datasheet

Xanthosine dihydrate, CAS [[5968-90-1]] BYT-ORB1302106

Article Name	Xanthosine dihydrate, CAS [[5968-90-1]]
Biozol Catalog Number	BYT-ORB1302106
Supplier Catalog Number	orb1302106
Alternative Catalog Number	BYT-ORB1302106-5, BYT-ORB1302106-10, BYT-ORB1302106-1, BYT-ORB1302106-25, BYT-ORB1302106-50, BYT-ORB1302106-100, BYT-ORB1302106-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Xanthosine is a nucleoside produced by guanine-auxotrophic bacterial mutants like Bacillus subtilis. Its monophosphate form, XMP, is a key biosynthetic intermediate in purine metabolism, converting inosine monophosphate (IMP) to guanosine monophospha...
Molecular Weight	320.26
Purity	99.90% (May vary between batches)
CAS Number	[5968-90-1]
Formula	C10H16N4O8
Target	Endogenous Metabolite
Application Notes	Solubility: DMSO:60 mg/mL (187.35 mM)