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Product Datasheet

Trimethoprim, CAS [[738-70-5]] BYT-ORB1309588

Article Name	Trimethoprim, CAS [[738-70-5]]
Biozol Catalog Number	BYT-ORB1309588
Supplier Catalog Number	orb1309588
Alternative Catalog Number	BYT-ORB1309588-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Trimethoprim (NSC-106568) is a small molecule antibacterial agent that primarily functions as a dihydrofolate reductase (DHFR) inhibitor. It is widely used in research to study antibiotic mechanisms and bacterial resistance, both in vitro and in anim...
Molecular Weight	290.32
Purity	99.88% (May vary between batches)
CAS Number	[738-70-5]
Formula	C14H18N4O3
Target	Antibiotic,DHFR,DNA/RNA Synthesis,Antibacterial,Antifolate
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:4 mg/mL (13.78 mM),Ethanol:< 1 mg/mL (insoluble or slightly soluble),DMSO:122 mg/mL (420.23 mM)