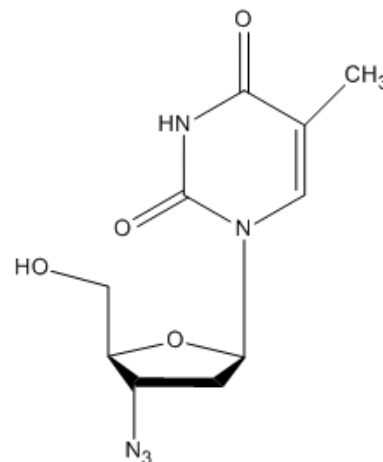


Azidothymidine

Catalog Number: BC-0768

CAS Number: 30516-87-1

Price: [Online Inquiry](#)



Catalog Number	Price
BC-0768	Online Inquiry

Product Information	
Molecular Formula	C ₁₀ H ₁₃ N ₅ O ₄
Molecular Weight	267.24
Purity	≥98% by HPLC
SMILES	<chem>CC1=CN(C(=O)NC1=O)C2CC(C(O2)CO)N=[N+]=[N-]</chem>
InChi	InChI=1S/C10H13N5O4/c1-5-3-15(10(18)12-9(5)17)8-2-6(13-14-11)7(4-16)19-8/h3,6-8,16H,2,4H2,1H3,(H,12,17,18)/t6-,7+,8+/m0/s1
InChi Key	HBOMLICNUCNMMY-XLPZGREQSA-N
Alternate Name	3'-Azido-3'-deoxythymidine; AZT; Zidovudine
Appearance	White solid
IUPAC Name	1-[(2R,4S,5S)-4-azido-5-(hydroxymethyl)oxolan-2-yl]-5-methylpyrimidine-2,4-dione

Properties	
Storage Conditions	-20°C
Shipping Conditions	Gel Pack
Solubility	DMSO (>25 mg/ml) or H ₂ O (>10 mg/ml)