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## Product Datasheet

### Cytarabine, CAS [[147-94-4]] BYT-ORB1309161

Article Name	Cytarabine, CAS [[147-94-4]]
Biozol Catalog Number	BYT-ORB1309161
Supplier Catalog Number	orb1309161
Alternative Catalog Number	BYT-ORB1309161-25,BYT-ORB1309161-50,BYT-ORB1309161-100,BYT-ORB1309161-1,BYT-ORB1309161-200,BYT-ORB1309161-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Cytarabine (Ara-C) is a nucleoside analog DNA synthesis inhibitor with an IC50 of 16 nM. It functions by inhibiting DNA polymerase, leading to cell cycle arrest, autophagy, and apoptosis. This compound is widely used in cancer research, demonstrating...
Molecular Weight	243.22
Purity	99.93% (May vary between batches)
CAS Number	[147-94-4]
Formula	C9H13N3O5
Target	Autophagy,Virus Protease,Endogenous Metabolite,DNA/RNA Synthesis,HSV,Apoptosis,Nucleoside Antimetabolite/Analog
Application Notes	Solubility: H2O:24.3 mg/mL (99.91 mM),DMSO:262.5 mg/mL (1079.27 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:5 mg/mL (20.56 mM)