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Product Datasheet

2'-O-Methylcytidine, CAS [[2140-72-9]] BYT-ORB1303700

Article Name	2'-O-Methylcytidine, CAS [[2140-72-9]]
Biozol Catalog Number	BYT-ORB1303700
Supplier Catalog Number	orb1303700
Alternative Catalog Number	BYT-ORB1303700-200,BYT-ORB1303700-500,BYT-ORB1303700-1,BYT-ORB1303700-2
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	This compound acts as a competitive inhibitor of the HCV NS5B RNA-dependent RNA polymerase, effectively blocking RNA synthesis in biochemical assays. It demonstrates antiviral activity by inhibiting hepatitis C virus RNA replication in cellular model...
Molecular Weight	257.24
Purity	99.81% (May vary between batches)
CAS Number	[2140-72-9]
Formula	C10H15N3O5
Target	HCV Protease,Nucleoside Antimetabolite/Analog,DNA/RNA Synthesis
Application Notes	Solubility: H2O:62.5 mg/mL (242.96 mM),PBS (pH 7.2):10 mg/mL (38.87 mM),DMSO:0.2 mg/mL (0.78 mM)