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Typical Product Specifications & Properties

Cytidine-5-Monophosphate

CAS Number: : 63-37-6

Specifications	Limits
Molecular weight	323.20
EINECS	200-556-6
SMILES	<chem>n1([C@@H]2O[C@H](COP(O)(O)=O)[C@H]([C@H]2O)O)c(nc(N)cc1)=O</chem>
InChI	IERHLVCPSMICTF-XVFCMESISA-N
InChIKey	1S/C9H14N3O8P/c10-5-1-2-12(9(15)11-5)8-7(14)6(13)4(20-8)3-19-21(16,17)18/h1-2,4,6-8,13-14H,3H2,(H2,10,11,15)(H2,16,17,18)/t4-,6-,7-,8-/m1/s1
Melting Point	~222 °C (dec.)
Water solubility	soluble
Refractive Index	9.8 ° (C=1, 0.5mol/L Na2HPO4)
Storage Temperature	2-8°C
Form	crystalline



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