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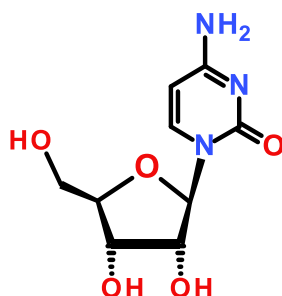
Product Specifications

Cytidine

CAS 65-46-3

Syn: Cytosine β -D-ribose; Cytosine-1- β -D-ribofuranoside

Structure:



Mol. Formula
Source

$C_9H_{13}N_3O_5$
Synthetic

Mol. Wt.

243.22

Test

Specification

Identity	IR, NMR
Appearance	White to off-white microcryst. solid
Solubility (50 mg/mL in H ₂ O)	Clear, colorless to pale-yellow solution
Mp	210-220 °C (lit.) (dec.)
Purity (hplc)	≥ 99 %
UV/Vis	EmM = 12.8-13.3 @ $\lambda_{279-280}$ at pH 1.0
LOD	< 0.5%
Ash (residue on ignition)	< 0.1%
Heavy metals	< 10 ppm
As	< 1 ppm

Storage: Maintain in cool, dry containment.