

Cytidine

Catalog No: #S1591L

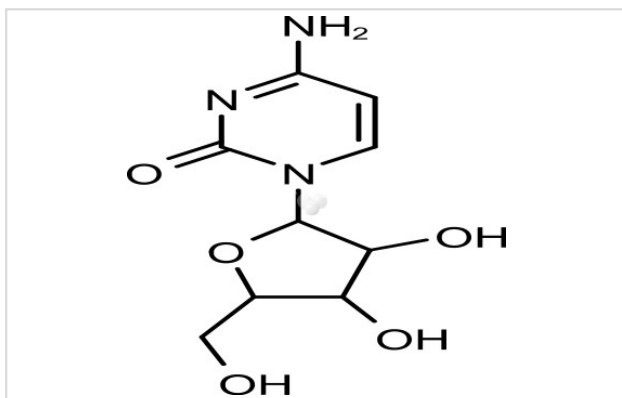
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Description

Product Name	Cytidine
Brief Description	Inhibitors
Purification	98.00%
Target Name	Nucleoside Antimetabolite/Analog
Calculated MW	243.22
Formulation	C9H13N3O5
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Other
 SMILES: C1=CN(C(=O)N=C1N)[C@H]2[C@@H]([C@@H]([C@H](O2)CO)O)O
 Pathways: DNA Damage/DNA Repair
 Receptor: Nucleoside Analogue
 Boiling pt: 545.7°C
 Melting pt: 210-220°C
 Solubility: Water: 49 mg/mL (201.46 mM); DMSO: 49 mg/mL (201.46 mM)
 Appearance: Gray or White Crystal Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

References

- Jonas DA, et al. Ann Nutr Metab. 2001; 45(6):235-54.

Note: This product is for in vitro research use only