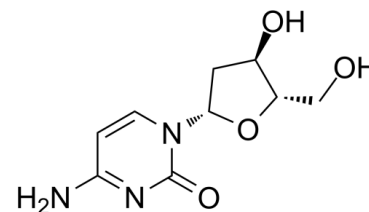


Data Sheet

Product Name:	Torcitabine
Cat. No.:	CS-0082252
CAS No.:	40093-94-5
Molecular Formula:	C ₉ H ₁₃ N ₃ O ₄
Molecular Weight:	227.22
Target:	HBV
Pathway:	Anti-infection
Solubility:	DMSO : 250 mg/mL (1100.26 mM; Need ultrasonic); H ₂ O : 250 mg/mL (1100.26 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Torcitabine (2'-Deoxy-L-cytidine) is an antiviral agent. Torcitabine has the potential for chronic hepatitis B virus infection treatment^{[1][2]}.
In Vitro: Torcitabine (2'-Deoxy-L-cytidine) shows greater inhibition of first strand than second strand DNA synthesis^[2].

References:

- [1]. Buti M, et al. Drugs in development for hepatitis B. *Drugs*. 2005;65(11):1451 - 1460.
 [2]. Kearn SJ. Telbivudine. *Drugs*. 2007;67(13):1917 - 1929.

CAIndexNames:

2(1H)-Pyrimidinone, 4-amino-1-(2-deoxy-β-L-erythro-pentofuranosyl)-

SMILES:

O=C1N=C(C=CN1[C@@H]2C[C@@H](O)[C@@H](O2)CO)N

Caution: Product has not been fully validated for medical applications. For research use only.

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