



Catalog # 10-2432

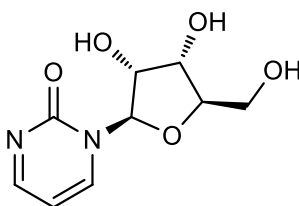
Zebularine

3690-10-6

1H- β -D-ribofuranosyl-2-pyrimidinone

NSC 309132

Lot # X101733



Orally active DNA methyltransferase inhibitor. Inhibits tumor cell proliferation ($IC_{50} = 120 \mu M$) and re-activates silenced genes in T24 bladder carcinoma cells. Inhibits cytidine deaminase ($K_i \sim 2 \mu M$); induces differentiation of mesenchymal stem cells into cardiomyocytes.

PHYSICAL DATA

Molecular Weight:	228.21
Molecular Formula:	C ₉ H ₁₂ N ₂ O ₅
Purity:	98% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (up to 20 mg/ml), Water (up to 20 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 2 years from the date of purchase. Solutions in DMSO or distilled water may be stored at -20°C for up to 1 month.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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