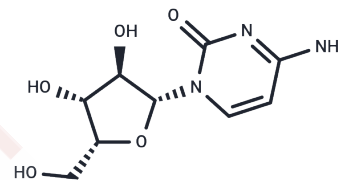


Xylocytidine

Chemical Properties

CAS No. :	3530-56-1
Formula:	C ₉ H ₁₃ N ₃ O ₅
Molecular Weight:	243.22
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Xylocytidine is a biochemical.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1115 mL	20.5575 mL	41.115 mL
5 mM	0.8223 mL	4.1115 mL	8.223 mL
10 mM	0.4112 mL	2.0558 mL	4.1115 mL
50 mM	0.0822 mL	0.4112 mL	0.8223 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ham YM, Choi KJ, Song SY, Jin YH, Chun MW, Lee SK. Xylocytidine, a novel inhibitor of cyclin-dependent kinases, prevents the tumor necrosis factor-related apoptosis-inducing ligand-induced apoptotic cell death of SK-HEP-1 cells. *J Pharmacol Exp Ther.* 2004 Mar;308(3):814-9. Epub 2003 Nov 14. PubMed PMID: 14617691.

Mirzayans R, Cubitt S, Enns L, Karimian K, Radatus B, Hirani-Hojatti S, Murthy K, Paterson MC. Comparative genotoxicity of 2,3'-O-cyclocytidine, beta-xylocytidine and 1-beta-D-arabinofuranosylcytosine in human tumor cell lines. *Carcinogenesis.* 1994 Oct;15(10):2319-24. PubMed PMID: 7525096.

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