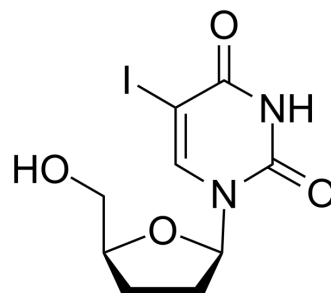


2',3'-Dideoxy-5-iodouridine

Cat. No.:	HY-W048476
CAS No.:	105784-83-6
Molecular Formula:	C ₉ H ₁₁ IN ₂ O ₄
Molecular Weight:	338.1
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (295.77 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.9577 mL	14.7885 mL	29.5770 mL
				5 mM	0.5915 mL	2.9577 mL	5.9154 mL
				10 mM	0.2958 mL	1.4789 mL	2.9577 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (7.39 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.39 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.39 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	2',3'-Dideoxy-5-iodouridine is used for gene sequencing and as a research tool for antiviral and anticancer studies ^[1] .
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REFERENCES

[1]. Dinesh Rai, et al. Inhibition of Mycobacterium tuberculosis, Mycobacterium bovis, and Mycobacterium avium by novel dideoxy nucleosides. J Med Chem. 2007 Sep 20;50(19):4766-74.

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

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