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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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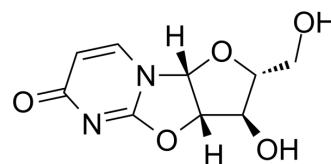
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2,2'-Anhydrouridine

Cat. No.:	HY-W012313
CAS No.:	3736-77-4
Molecular Formula:	C ₉ H ₁₀ N ₂ O ₅
Molecular Weight:	226.19
Target:	Reverse Transcriptase
Pathway:	Anti-infection
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (110.53 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		4.4211 mL	22.1053 mL	44.2106 mL
		5 mM		0.8842 mL	4.4211 mL	8.8421 mL
		10 mM		0.4421 mL	2.2105 mL	4.4211 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 (11.05 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (11.05 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.05 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	2,2'-Anhydrouridine is used for anticancer and antiviral research ^[1] .
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REFERENCES

[1]. Drabikowska AK, et al. Inhibitor properties of some 5-substituted uracil acyclonucleosides, and 2,2'-anhydrouridines versus uridine phosphorylase from E. coli and mammalian sources. Biochem Pharmacol. 1987 Dec 1;36(23):4125-8.

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

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