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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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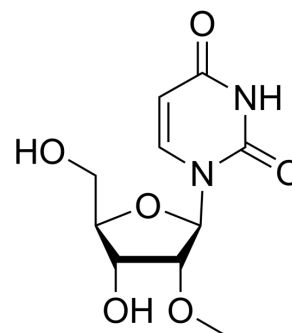
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2'-O-Methyluridine

Cat. No.:	HY-W011824		
CAS No.:	2140-76-3		
Molecular Formula:	C ₁₀ H ₁₄ N ₂ O ₆		
Molecular Weight:	258.23		
Target:	Bacterial		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (387.25 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.8725 mL	19.3626 mL	38.7252 mL
		5 mM		0.7745 mL	3.8725 mL	7.7450 mL
		10 mM		0.3873 mL	1.9363 mL	3.8725 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 (9.68 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.68 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (9.68 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	2'-O-methyluridine is found in rRNA, snRNA, snoRNA and tRNA of Archaea, Bacteria, and Eukaryota ^[1] .
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REFERENCES

[1]. Aučynaitė A, et al. Identification of a 2'-O-Methyluridine Nucleoside Hydrolase Using the Metagenomic Libraries. *Molecules*. 2018;23(11):2904. Published 2018 Nov 7.

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

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