



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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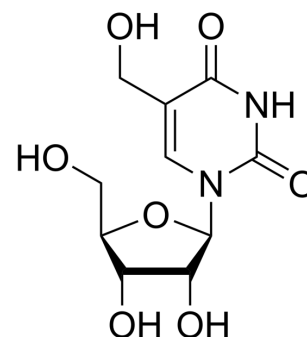
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5-Hydroxymethyl uridine

Cat. No.:	HY-W394106
CAS No.:	30414-00-7
Molecular Formula:	C ₁₀ H ₁₄ N ₂ O ₇
Molecular Weight:	274.23
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
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 : 10 mg/mL (36.47 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.6466 mL	18.2329 mL	36.4657 mL
	5 mM		0.7293 mL	3.6466 mL	7.2931 mL
	10 mM		0.3647 mL	1.8233 mL	3.6466 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

5-Hydroxymethyl uridine is a thymidine analogue. Analogs of this series have insertional activity towards replicated DNA. They can be used to label cells and track DNA synthesis^[1].

REFERENCES

[1]. Cavanagh BL, et al. Thymidine analogues for tracking DNA synthesis. Molecules. 2011 Sep 15;16(9):7980-93.

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

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