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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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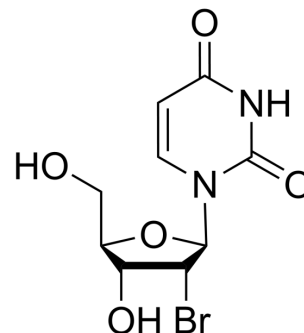
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2'-Bromo-2'-deoxyuridine

Cat. No.:	HY-W141338
CAS No.:	4753-02-0
Molecular Formula:	C ₉ H ₁₁ BrN ₂ O ₅
Molecular Weight:	307.1
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 : 200 mg/mL (651.25 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.2563 mL	16.2813 mL	32.5627 mL
		5 mM		0.6513 mL	3.2563 mL	6.5125 mL
		10 mM		0.3256 mL	1.6281 mL	3.2563 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: ≥ 5 mg/mL (16.28 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (16.28 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (16.28 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	2'-Bromo-2'-deoxyuridine is a purine nucleoside analog. Purine nucleoside analogs have broad antitumor activity targeting indolent lymphoid malignancies. Anticancer mechanisms in this process rely on inhibition of DNA synthesis, induction of apoptosis, etc ^[1] .
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REFERENCES

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

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