



SZABO SCANDIC

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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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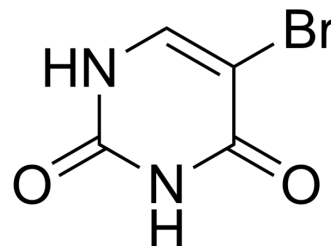
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5-Bromouracil

Cat. No.:	HY-W001982
CAS No.:	51-20-7
Molecular Formula:	C ₄ H ₃ BrN ₂ O ₂
Molecular Weight:	190.98
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (523.62 mM; Need ultrasonic)																					
	<table border="1"> <thead> <tr> <th rowspan="2">Solvent</th> <th rowspan="2">Mass</th> <th colspan="3">Concentration</th> </tr> <tr> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Preparing Stock Solutions</td> <td>1 mM</td> <td>5.2362 mL</td> <td>26.1808 mL</td> <td>52.3615 mL</td> </tr> <tr> <td>5 mM</td> <td>1.0472 mL</td> <td>5.2362 mL</td> <td>10.4723 mL</td> </tr> <tr> <td>10 mM</td> <td>0.5236 mL</td> <td>2.6181 mL</td> <td>5.2362 mL</td> </tr> </tbody> </table>	Solvent	Mass	Concentration			1 mg	5 mg	10 mg	Preparing Stock Solutions	1 mM	5.2362 mL	26.1808 mL	52.3615 mL	5 mM	1.0472 mL	5.2362 mL	10.4723 mL	10 mM	0.5236 mL	2.6181 mL	5.2362 mL
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	Please refer to the solubility information to select the appropriate solvent.																					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (13.09 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (13.09 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (13.09 mM); Clear solution 																					

BIOLOGICAL ACTIVITY

Description	5-Bromouracil is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	5-Bromouracil disrupts nucleosome positioning by inducing A-form-like DNA. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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