Isocytosine

Catalog No.C11743 Batch:C1174303

Product Datasheet

Technical Data

Formula	$C_4H_5N_3O$					
Molecular Weight	111.10	**CAS No.**	108-53-2			
Solubility (25°C)*	In vitro	DMSO	11 mg/mL (99.0 mM)			
	In vivo (Add solvents to the product individually and in order)	Oral Administration	Homogeneous suspension	CMC-NA	≥5mg/ml	Taking the 1 mL working solution as an example, add 5 mg of this product to 1 ml of CMC-Na solution, mix evenly to obtain a homogeneous suspension with a final concentration of 5 mg/ml.

* <1 mg/ml means slightly soluble or insoluble.
* Please note that Capsid Bio tests the solubility of all compounds in-house, and the actual solubility may differ slightly from published values. This is normal and is due to slight batch-to-batch variations.
* Room temperature shipping (Stability testing shows this product can be shipped at 2-8°C for storage purposes.)

Preparing Stock Solutions

Concentration \ Volume / Mass	1 mg	5 mg	10 mg
1 mM	9.0009 mL	45.0045 mL	90.0090 mL
5 mM	1.8002 mL	9.0009 mL	18.0018 mL
10 mM	0.9001 mL	4.5005 mL	9.0009 mL
50 mM	0.1800 mL	0.9001 mL	1.8002 mL

Biological Activity

Description	Isocytosine (2-aminouracil) is an isomer of cytosine used in physical chemical studies involving metal complex binding, hydrogen-bonding, and tautomerism and proton transfer effects in nucleobases.

RETURN POLICY

Capsid Bio's Unconditional Return Policy ensures a smooth online shopping experience for our customers. If you are in any way unsatisfied with your purchase, you may return any item(s) within 7 days of receiving it. In the event of product quality issues, either protocol related or product related problems, you may return any item(s) within 365 days from the original purchase date. Please follow the instructions below when returning products.

SHIPPING & STORAGE

Capsid Bio products are transported at room temperature. If you receive the product at room temperature, please rest assured, the Capsid Bio Quality Inspection Department has conducted experiments to verify that the normal temperature placement of one month will not affect the biological activity of powder products. After collecting, please store the product according to the requirements described in the datasheet. Most Capsid Bio products are stable under the recommended conditions.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

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