Product Datasheet

Technical Data

Formula	$C_8H_7NaO_4$					
Molecular Weight	190.13	**CAS No.**	4418-26-2			
Solubility (25°C)*	In vitro	DMSO	38 mg/mL (199.86 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	5.2596 mL	26.2978 mL	52.5956 mL
5 mM	1.0519 mL	5.2596 mL	10.5191 mL
10 mM	0.5260 mL	2.6298 mL	5.2596 mL
50 mM	0.1052 mL	0.5260 mL	1.0519 mL

Biological Activity

Description	Sodium dehydroacetate is the sodium salt of dehydroacetic acid, a fungicide and bactericide that is commonly used as a food preservative. This compound is a preservative that is used in the formulation of cosmetics and personal care products in order to extend the shelf-life by preventing microbial contamination.

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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