

Sodium diacetate

Chemical Properties

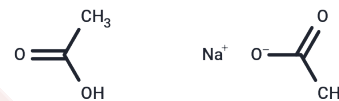
CAS No. : 126-96-5

Formula: C₄H₇NaO₄

Molecular Weight: 142.09

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Sodium diacetate (Acetic acid, sodium salt (2:1)) is a salt of acetic acid. Sodium diacetate is a colorless solid that is used in seasonings and as an antimicrobial agent. As a kind of new-type grain, beverage additive of food, it is used in the food additive extensively.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.0378 mL	35.189 mL	70.3779 mL
5 mM	1.4076 mL	7.0378 mL	14.0756 mL
10 mM	0.7038 mL	3.5189 mL	7.0378 mL
50 mM	0.1408 mL	0.7038 mL	1.4076 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Barrow, Michael J, et al. Crystal structures of some acid salts of monobasic acids. XVII. Structure of sodium hydrogen diacetate, redetermined by neutron diffraction. Journal of the Chemical Society, Perkin Transactions 2: Physical Organic Chemistry 1975, pp. 15-18.

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