

Sodium acetate

Chemical Properties

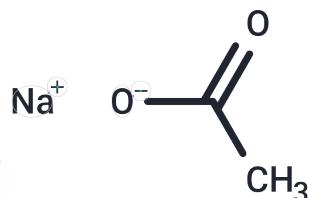
CAS No. : 127-09-3

Formula: C2H3NaO2

Molecular Weight: 82.03

Appearance: Solid

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



Biological Description

Description	Sodium acetate is Commonly used laboratory reagent
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 1.04 mg/mL (12.65 mM), Sonication is recommended. H2O: 50 mg/mL (609.53 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	12.1907 mL	60.9533 mL	121.9066 mL
5 mM	2.4381 mL	12.1907 mL	24.3813 mL
10 mM	1.2191 mL	6.0953 mL	12.1907 mL
50 mM	0.2438 mL	1.2191 mL	2.4381 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.

Reference

Li W, Han J, Huang B, et al. SLC25A1 and ACLY maintain cytosolic acetyl-CoA and regulate ferroptosis susceptibility via FSP1 acetylation. The EMBO Journal. 2025: 1-22.

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