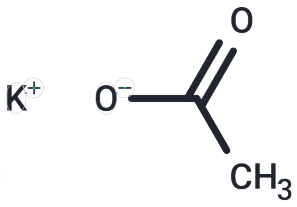
Data Sheet (Cat.No.T8129)

TargetMol

Potassium acetate

Chemical Properties



CAS No. : 127-08-2

Formula: C2H3KO2

Molecular Weight: 98.14

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Potassium acetate (Diuretic salt) with antibacterial and antifungal properties.
Targets(IC50)	Endogenous Metabolite,Antifungal

Solubility Information

Solubility	H2O: 100 mg/mL (1018.95 mM),Sonication and heating are recommended. DMSO: 16.67 mg/mL (169.86 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.1895 mL	50.9476 mL	101.8953 mL
5 mM	2.0379 mL	10.1895 mL	20.3791 mL
10 mM	1.019 mL	5.0948 mL	10.1895 mL
50 mM	0.2038 mL	1.019 mL	2.0379 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

Liato, Viacheslav, Labrie, Steve, A?der, Mohammed. Electro-activation of potassium acetate, potassium citrate and calcium lactate: impact on solution acidity, Redox potential, vibrational properties of Raman spectra and antibacterial activity on E. coli O157:H7 at ambient temperature[J]. Springerplus, 5(1):1760.

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