

Acetic acid potassium 99%

Cat. No.:	HY-Y0319B
CAS No.:	127-08-2
Molecular Formula:	C ₂ H ₃ KO ₂
Molecular Weight:	98
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (1020.41 mM; Need ultrasonic)
DMSO : < 1 mg/mL (ultrasonic) (insoluble or slightly soluble)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		10.2041 mL	51.0204 mL	102.0408 mL
	5 mM		2.0408 mL	10.2041 mL	20.4082 mL
	10 mM		1.0204 mL	5.1020 mL	10.2041 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Acetic acid potassium 99% is a potassium salt employed to replenish electrolytes, for restoration of water-electrolyte balance. Acetic acid potassium 99% can employ in DNA and protein purification. Acetic acid potassium 99% has been used to prepare neutralizing solution for alkaline lysis of bacteria^{[1][2]}.

REFERENCES

- [1]. Sokolov BP, et al. Vyделение vysokomolekuliarnoy éukarioticheskoj DNK s ispol'zovaniem atsetata kaliia [Isolation of high molecular weight eukaryotic DNA with the use of potassium acetate]. Mol Gen Mikrobiol Virusol. 1989;(6):45-46.
- [2]. Shan G, et al. Purification of total DNA extracted from activated sludge. J Environ Sci (China). 2008;20(1):80-87.

Caution: Product has not been fully validated for medical applications. For research use only.

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