

Potassium chloride, AR, 99.5%

Cat. No.:	HY-Y0537		
CAS No.:	7447-40-7		
Molecular Formula:	ClK		
Molecular Weight:	74.55		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

KCl

SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (670.69 mM; Need ultrasonic)

DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		13.4138 mL	67.0691 mL	134.1382 mL
	5 mM		2.6828 mL	13.4138 mL	26.8276 mL
	10 mM		1.3414 mL	6.7069 mL	13.4138 mL

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

BIOLOGICAL ACTIVITY

Description

Potassium chloride,AR,99.5% is extensively used as a potassium supplement. Potassium chloride,AR,99.5% is a readily available potassium fertilizer^[1].

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

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