

## Potassium chloride

## Chemical Properties

CAS No. :	7447-40-7
Formula:	ClK
Molecular Weight:	74.55
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Potassium chloride, is a biological reagent commonly used for protein extraction and buffer preparation. It disrupts the stability of biological membranes by breaking the electrostatic interactions between proteins and lipids, and is widely used in molecular biology research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.2683 mL	1.3414 mL	2.6828 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

Levene DL. Potassium chloride: absorption and excretion. Can Med Assoc J. 1973 Apr 7;108(7):853-5.

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