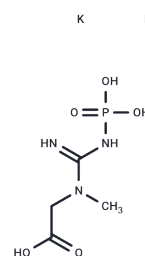


## Phosphocreatine dipotassium

## Chemical Properties

CAS No. :	18838-38-5
Formula:	C <sub>4</sub> H <sub>8</sub> K <sub>2</sub> N <sub>3</sub> O <sub>5</sub> P
Molecular Weight:	287.29
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Phosphocreatine dipotassium, primarily found in the skeletal muscles of vertebrates, is an organic compound categorized under alpha amino acids and derivatives.
Targets(IC50)	Apoptosis,ERK,Others,MAPK,Akt,Mitochondrial Metabolism,Endogenous Metabolite,ROS Kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4808 mL	17.404 mL	34.808 mL
5 mM	0.6962 mL	3.4808 mL	6.9616 mL
10 mM	0.3481 mL	1.7404 mL	3.4808 mL
50 mM	0.0696 mL	0.3481 mL	0.6962 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

Feldman EB, et al. Creatine: a dietary supplement and ergogenic aid. Nutr Rev. 1999 Feb;57(2):45-50.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481