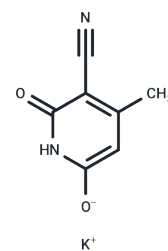


hUP1-IN-1 potassium

Chemical Properties

CAS No. :	118803-30-8
Formula:	C7H5KN2O2
Molecular Weight:	188.23
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	hUP1-IN-1 potassium (compound 6a), a hUP1 inhibitor, demonstrates inhibitory activity with K_i and K_{is} values of 375 nM and 635 nM, respectively. It achieves 70% inhibition of hUP1-catalyzed reactions at a concentration of 1 μ M. This compound is utilized in cancer research [1].
Targets(IC50)	Others,Phosphorylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3126 mL	26.5632 mL	53.1265 mL
5 mM	1.0625 mL	5.3126 mL	10.6253 mL
10 mM	0.5313 mL	2.6563 mL	5.3126 mL
50 mM	0.1063 mL	0.5313 mL	1.0625 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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