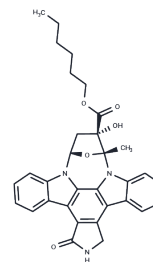


KT5720

## Chemical Properties

CAS No. : 108068-98-0  
 Formula: C<sub>32</sub>H<sub>31</sub>N<sub>3</sub>O<sub>5</sub>  
 Molecular Weight: 537.61  
 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	KT5720 is a cell-permeable, reversible, and ATP-competitive inhibitor of protein kinase A (PKA) (K <sub>i</sub> : 60 nM).
Targets(IC50)	PKA

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8601 mL	9.3004 mL	18.6008 mL
5 mM	0.372 mL	1.8601 mL	3.7202 mL
10 mM	0.186 mL	0.930 mL	1.8601 mL
50 mM	0.0372 mL	0.186 mL	0.372 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

Davies SP, et al. Specificity and mechanism of action of some commonly used protein kinase inhibitors. *Biochem J.* 2000 Oct 1;351(Pt 1):95-105.

Murray A, et al. Pharmacological PKA inhibition: all may not be what it seems. *Sci Signal.* 2008 Jun 3;1(22):re4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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