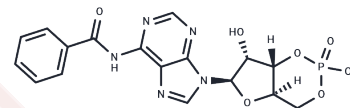


6-Bnz-cAMP

Chemical Properties

CAS No. :	30275-80-0
Formula:	C17H16N5O7P
Molecular Weight:	433.31
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	6-Bnz-cAMP (N6-Benzoyl-cAMP) is a derivative of cyclic adenosine monophosphate (cAMP) known as an effective inhibitor of the bTREK-1 potassium channel. It strongly suppresses the bTREK-1 potassium channel through a mechanism independent of protein kinase A (PKA). Additionally, 6-Bnz-cAMP can be utilized to investigate potential signaling proteins within the cAMP signaling pathway.
Targets(IC50)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3078 mL	11.5391 mL	23.0782 mL
5 mM	0.4616 mL	2.3078 mL	4.6156 mL
10 mM	0.2308 mL	1.1539 mL	2.3078 mL
50 mM	0.0462 mL	0.2308 mL	0.4616 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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