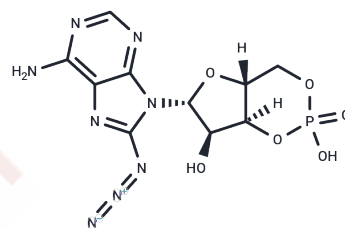


8-Azido-cAMP

Chemical Properties

CAS No. :	31966-52-6
Formula:	C ₁₀ H ₁₁ N ₈ O ₆ P
Molecular Weight:	370.22
Storage:	Keep away from direct sunlight 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	8-Azido-cAMP, a fluorescent analog of cAMP, serves as a prototype for cAMP detection [1]. This click chemistry reagent features an azide group, enabling it to participate in copper-catalyzed azide-alkyne cycloaddition (CuAAC) with alkyne-bearing molecules. It is also competent for strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing DBCO or BCN groups.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7011 mL	13.5055 mL	27.011 mL
5 mM	0.5402 mL	2.7011 mL	5.4022 mL
10 mM	0.2701 mL	1.3505 mL	2.7011 mL
50 mM	0.054 mL	0.2701 mL	0.5402 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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