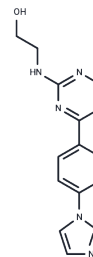


AP-C6

Chemical Properties

CAS No. : 2234276-60-7
 Formula: C₁₅H₁₅N₅O
 Molecular Weight: 281.31
 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	AP-C6 is a potent inhibitor of guanosine 3',5'-cyclic monophosphate (cGMP)-dependent protein kinase II (cGKII), with a pIC ₅₀ of 6.5. It inhibits human cGKII activity in vitro in a concentration-dependent manner and potentiates cAMP signaling through phosphodiesterase (PDE) inhibition [1].
Targets(IC ₅₀)	Others,PKA

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5548 mL	17.774 mL	35.548 mL
5 mM	0.711 mL	3.5548 mL	7.1096 mL
10 mM	0.3555 mL	1.7774 mL	3.5548 mL
50 mM	0.0711 mL	0.3555 mL	0.711 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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