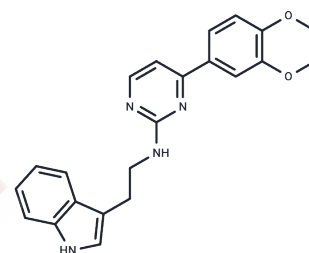


AP-C4

## Chemical Properties

CAS No. : 682794-85-0  
 Formula: C<sub>22</sub>H<sub>20</sub>N<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 372.42  
 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-C4 is a selective inhibitor targeting guanosine 3',5'-cyclic monophosphate (cGMP)-dependent protein kinase II (cGKII), exhibiting a pIC <sub>50</sub> value of 5.2. Conversely, AP-C3 does not inhibit cGKII-mediated anion secretion [1].
Targets(IC <sub>50</sub> )	Others,PKA

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6851 mL	13.4257 mL	26.8514 mL
5 mM	0.537 mL	2.6851 mL	5.3703 mL
10 mM	0.2685 mL	1.3426 mL	2.6851 mL
50 mM	0.0537 mL	0.2685 mL	0.537 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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