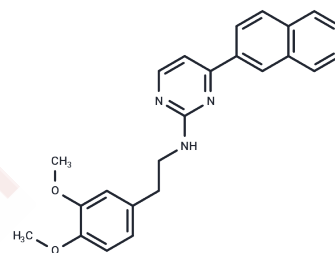


AP-C1

## Chemical Properties

CAS No. : 2234280-26-1  
 Formula: C<sub>24</sub>H<sub>23</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 385.46  
 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-C1 is a potent inhibitor of cGMP-dependent protein kinase II (cGKII), exhibiting a pIC <sub>50</sub> value of 6.5, but only weakly inhibits cGKII-dependent anion secretion [1]. |
| Targets(IC <sub>50</sub> ) | Others,PKA  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg      |
|-------|-----------|------------|-----------|
| 1 mM  | 2.5943 mL | 12.9715 mL | 25.943 mL |
| 5 mM  | 0.5189 mL | 2.5943 mL  | 5.1886 mL |
| 10 mM | 0.2594 mL | 1.2972 mL  | 2.5943 mL |
| 50 mM | 0.0519 mL | 0.2594 mL  | 0.5189 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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