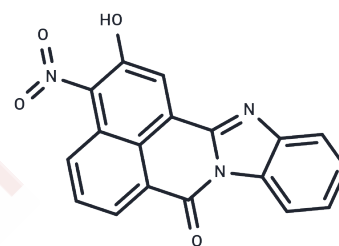


TIM-063

## Chemical Properties

CAS No. : 2493978-38-2  
 Formula: C<sub>18</sub>H<sub>9</sub>N<sub>3</sub>O<sub>4</sub>  
 Molecular Weight: 331.28  
 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	TIM-063 is a selective, cell-permeable inhibitor of CaMKK that competes with ATP, directly targeting the catalytic domain of CaMKK. It exhibits K(i) values of 0.35 μM for CaMKKα and 0.2 μM for CaMKKβ, with respective IC(50) values of 0.63 μM and 0.96 μM.
Targets(IC50)	CaMK,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0186 mL	15.093 mL	30.1859 mL
5 mM	0.6037 mL	3.0186 mL	6.0372 mL
10 mM	0.3019 mL	1.5093 mL	3.0186 mL
50 mM	0.0604 mL	0.3019 mL	0.6037 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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