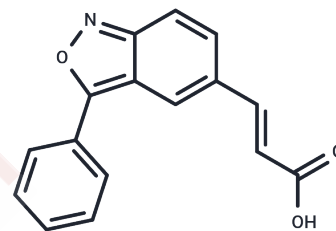


IP6K2-IN-2

## Chemical Properties

CAS No. : 2967648-66-2  
 Formula: C<sub>16</sub>H<sub>11</sub>NO<sub>3</sub>  
 Molecular Weight: 265.26  
 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	IP6K2-IN-2 is an IP6K2 inhibitor with IC <sub>50</sub> values of 0.58 μM, 0.86 μM, and 3.08 μM for IP6K2, IP6K1, and IP6K3, respectively. It can be used in obesity research.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 20 mg/mL (75.4 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7699 mL	18.8494 mL	37.6989 mL
5 mM	0.754 mL	3.7699 mL	7.5398 mL
10 mM	0.377 mL	1.8849 mL	3.7699 mL
50 mM	0.0754 mL	0.377 mL	0.754 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.

## Reference

Zhou, et al. Development of Novel IP6K Inhibitors for the Treatment of Obesity and Obesity-Induced Metabolic Dysfunctions. Journal of medicinal chemistry. 2022, 65(9):6869-6887.

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