

## AMPK-IN-6

## Chemical Properties

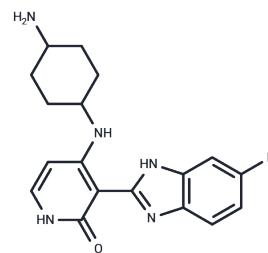
CAS No. :

Formula: C<sub>18</sub>H<sub>20</sub>FN<sub>5</sub>O

Molecular Weight: 341.383

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	AMPK-IN-6 (compound 13a) is a potent AMPK inhibitor with an IC <sub>50</sub> value of 0.093 μM. It induces apoptosis and suppresses autophagy. Additionally, AMPK-IN-6 exhibits antiproliferative activity and holds potential for research into pulmonary arterial hypertension.
Targets(IC <sub>50</sub> )	Apoptosis,AMPK,Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9293 mL	14.6464 mL	29.2929 mL
5 mM	0.5859 mL	2.9293 mL	5.8586 mL
10 mM	0.2929 mL	1.4646 mL	2.9293 mL
50 mM	0.0586 mL	0.2929 mL	0.5859 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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