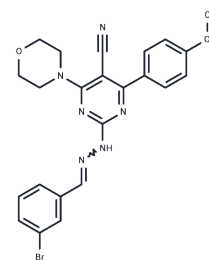


PI3K-IN-33

## Chemical Properties

CAS No. : 2458163-92-1  
 Formula: C<sub>23</sub>H<sub>21</sub>BrN<sub>6</sub>O<sub>2</sub>  
 Molecular Weight: 493.36  
 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	PI3K-IN-33 is a highly selective PI3K inhibitor that acts on PI3K- $\alpha$ (IC <sub>50</sub> : 11.73 $\mu$ M), PI3K- $\beta$ (IC <sub>50</sub> : 6.09 $\mu$ M) and PI3K- $\delta$ (IC <sub>50</sub> : 11.18 $\mu$ M). PI3K-IN-33 is capable of blocking the cell cycle in G2/M phase and can induce apoptosis and can be for the study of leukemia.
Targets(IC <sub>50</sub> )	Apoptosis,Others,PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0269 mL	10.1346 mL	20.2692 mL
5 mM	0.4054 mL	2.0269 mL	4.0538 mL
10 mM	0.2027 mL	1.0135 mL	2.0269 mL
50 mM	0.0405 mL	0.2027 mL	0.4054 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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