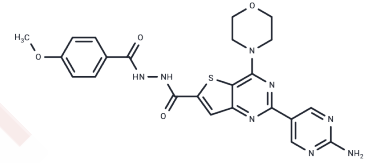


## PI3K/mTOR Inhibitor-8

## Chemical Properties

CAS No. :	2492376-85-7
Formula:	C <sub>23</sub> H <sub>22</sub> N <sub>8</sub> O <sub>4</sub> S
Molecular Weight:	506.54
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/mTOR Inhibitor-8 is a dual inhibitor of PI3K (PI3K $\alpha$ IC <sub>50</sub> : 0.46 nM) and mTOR (mTOR IC <sub>50</sub> : 12 nM). PI3K/mTOR Inhibitor-8 blocks the cell cycle of HCT-116 cells in G1/S phase and induces apoptosis.
Targets(IC <sub>50</sub> )	Others,mTOR,PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9742 mL	9.8709 mL	19.7418 mL
5 mM	0.3948 mL	1.9742 mL	3.9484 mL
10 mM	0.1974 mL	0.9871 mL	1.9742 mL
50 mM	0.0395 mL	0.1974 mL	0.3948 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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