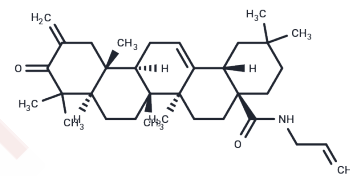


## PI3K/Akt/mTOR-IN-3

## Chemical Properties

CAS No. : 2457245-94-0  
 Formula: C<sub>34</sub>H<sub>51</sub>NO<sub>2</sub>  
 Molecular Weight: 505.77  
 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/Akt/mTOR-IN-3 is a potent inhibitor of PI3K/Akt/mTOR. PI3K/Akt/mTOR-IN-3 inhibits the migration of MCF-7 cells (IC <sub>50</sub> : 0.77 μM), HeLa cells (IC <sub>50</sub> : 1.23 μM) and HepG2 cells (IC <sub>50</sub> : 4.57 μM). PI3K/Akt/mTOR-IN-3 inhibited the migration of MCF-7 and HeLa cells at a concentration of 4 μM. PI3K/Akt/mTOR-IN-3 blocked the cell cycle in S phase and induced apoptosis.
Targets(IC <sub>50</sub> )	Apoptosis,Others,Akt,mTOR,PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9772 mL	9.8859 mL	19.7718 mL
5 mM	0.3954 mL	1.9772 mL	3.9544 mL
10 mM	0.1977 mL	0.9886 mL	1.9772 mL
50 mM	0.0395 mL	0.1977 mL	0.3954 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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