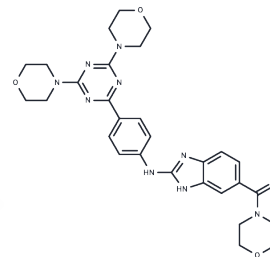


## PI3K/mTOR Inhibitor-7

## Chemical Properties

CAS No. :	2456295-65-9
Formula:	C <sub>29</sub> H <sub>33</sub> N <sub>9</sub> O <sub>4</sub>
Molecular Weight:	571.63
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-7 is a potent dual PI3K/mTOR inhibitor. PI3K/mTOR Inhibitor-7 is 4.7-fold more potent than gedatolisib, with IC <sub>50</sub> values of 1.4 μM and 0.3 μM, respectively. 10 μM of PI3K/mTOR Inhibitor-7 is able to significantly inhibit the PI3K/Akt/mTOR signalling pathway. PI3K/mTOR Inhibitor-7 has shown potential for research in cancer diseases.
Targets(IC <sub>50</sub> )	Others,mTOR,PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7494 mL	8.7469 mL	17.4938 mL
5 mM	0.3499 mL	1.7494 mL	3.4988 mL
10 mM	0.1749 mL	0.8747 mL	1.7494 mL
50 mM	0.035 mL	0.1749 mL	0.3499 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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481