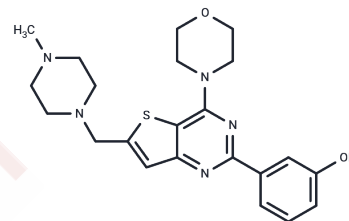


PI-540

## Chemical Properties

CAS No. : 885616-78-4  
 Formula: C<sub>22</sub>H<sub>27</sub>N<sub>5</sub>O<sub>2</sub>S  
 Molecular Weight: 425.55  
 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	PI-540 is a potent and selective inhibitor of class 1A phosphatidylinositol 3-kinases (PI3K).
Targets(IC50)	Others, mTOR, PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3499 mL	11.7495 mL	23.499 mL
5 mM	0.470 mL	2.3499 mL	4.6998 mL
10 mM	0.235 mL	1.175 mL	2.3499 mL
50 mM	0.047 mL	0.235 mL	0.470 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