

Autophinib

Catalog No: #S4219

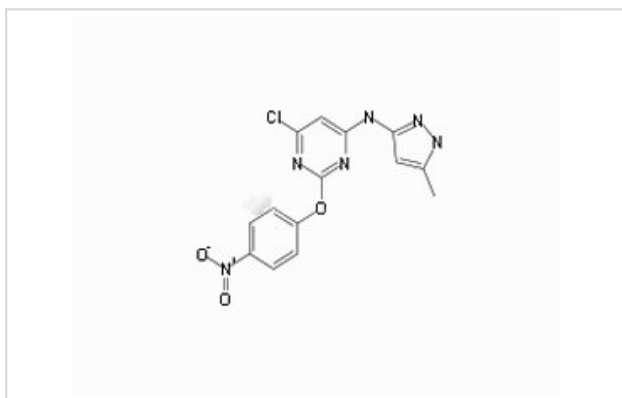
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Description

Product Name	Autophinib
Brief Description	Inhibitors
Purification	98.00%
Target Name	Autophagy inhibitor; PI3K inhibitor
Calculated MW	346.731
Formulation	C14H11ClN6O3
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Others SMILES: CC1=CC(=NN1)NC2=CC(=NC(=N2)OC3=CC=C(C=C3)[N+](=O)[O-])Cl Pathways: Autophagy; PI3K/Akt/mTOR signaling Receptor: rapamycin-induced autophagy; starvation-induced autophagy; VPS34 Boling pt: Melting pt: Solubility: DMSO 69 mg/mL (199.0 mM) Water Insoluble

Ethanol Insoluble Appearance: Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

References

1. Robke L, et al. Phenotypic Identification of a Novel Autophagy Inhibitor Chemotype Targeting Lipid Kinase VPS34. *Angew Chem Int Ed Engl.* 2017 Jul 3;56(28):8153-8157.

Note: This product is for in vitro research use only