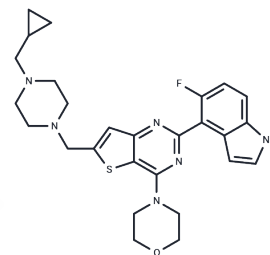


PI-3065

Chemical Properties

CAS No. : 955977-50-1
Formula: C₂₇H₃₁FN₆O₅
Molecular Weight: 506.64
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PI-3065 is a novel potent and selective PI3K p110δ inhibitor.
Targets(IC50)	DNA-PK,mTOR,PI3K
In vitro	PI-3065 shows no inhibition on the growth of 4T1 cells, which do not expressing detectable levels of p110δ. [1]
Cell Research	Proliferation of 4T1 cells is assayed following a 4-h treatment with the indicated p110δ inhibitors, then washing and MTS staining are carried out after 48h culture. (Only for Reference)

Solubility Information

Solubility	DMSO: 1 mg/mL (1.97 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9738 mL	9.8689 mL	19.7379 mL
5 mM	0.3948 mL	1.9738 mL	3.9476 mL
10 mM	0.1974 mL	0.9869 mL	1.9738 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.

Reference

Ali K, et al. Nature. 2014, 510(7505), 407-411.

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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