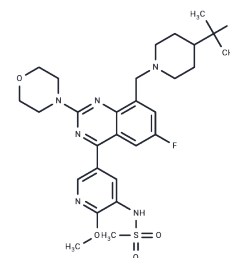


Linperlisib

Chemical Properties

CAS No. :	1702816-75-8
Formula:	C ₂₈ H ₃₇ FN ₆ O ₅ S
Molecular Weight:	588.69
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	Linperlisib (PI3Kδ-IN-2) is a potent and selective inhibitor of PI3Kδ
Targets(IC50)	PI3K

Solubility Information

Solubility	DMSO: 98 mg/mL (166.47 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 9.8 mg/mL (16.65 mM), Solution. 10% DMSO+90% Saline: < 9.8 mg/mL (16.65 mM), Lower concentrations may be soluble, but exact solubility limit is unknown. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6987 mL	8.4934 mL	16.9869 mL
5 mM	0.3397 mL	1.6987 mL	3.3974 mL
10 mM	0.1699 mL	0.8493 mL	1.6987 mL
50 mM	0.034 mL	0.1699 mL	0.3397 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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