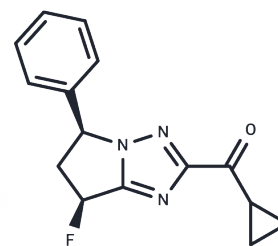


Flizasertib

Chemical Properties

CAS No. :	2268739-68-8
Formula:	C ₁₅ H ₁₄ FN ₃ O
Molecular Weight:	271.29
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Flizasertib is a serine/threonine kinase inhibitor that acts by inhibiting RIPK1 (Receptor-interacting serine/threonine-protein kinase 1), which has anti-inflammatory and therapeutic effects on immune disorders.
Targets(IC50)	RIP kinase, Serine Protease

Solubility Information

Solubility	DMSO: 160 mg/mL (589.77 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (36.86 mM), Suspension. <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	3.6861 mL	18.4305 mL	36.8609 mL
5 mM	0.7372 mL	3.6861 mL	7.3722 mL
10 mM	0.3686 mL	1.843 mL	3.6861 mL
50 mM	0.0737 mL	0.3686 mL	0.7372 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.

Reference

HO Drug Information-World Health Organization (WHO).

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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