

PROTAC RIPK degrader-6

Chemical Properties

CAS No. : 2089205-64-9

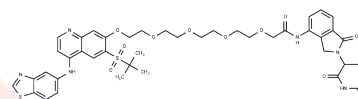
Formula: C43H48N6O11S2

Molecular Weight: 889.01

Keep away from direct sunlight

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	PROTAC RIPK degrader-6 (example 1) is a PROTAC engineered for RIP Kinase degradation, comprising a RIP2 kinase inhibitor linked to a cereblon binder[1].
Targets(IC50)	PROTACs,RIP kinase
In vitro	PROTACs facilitate the targeted degradation of proteins and polypeptides by binding to cereblon at one end and the target protein (RIP2 kinase) at the other, thereby bringing the target protein close to the E3-Ligase. This interaction forms a ternary complex that results in the polyubiquitination and subsequent degradation of the target protein[1].

Solubility Information

Solubility	DMSO: 100 mg/mL (112.48 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: 5 mg/mL (5.62 mM),Sonication is recommended. <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	1.1248 mL	5.6242 mL	11.2485 mL
5 mM	0.225 mL	1.1248 mL	2.2497 mL
10 mM	0.1125 mL	0.5624 mL	1.1248 mL
50 mM	0.0225 mL	0.1125 mL	0.225 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

John David Harlin, et al. Compounds for the modulation of rip2 kinase activity. WO2017046036A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481