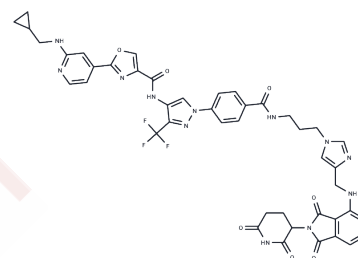


PROTAC IRAK4 degrader-1

Chemical Properties

CAS No. :	2360533-90-8
Formula:	C44H39F3N12O7
Molecular Weight:	904.85
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	PROTAC IRAK4 degrader-1 (compound I-210) is a Cereblon based PROTAC consisting of the PROTAC IRAK4 ligand-1, the E3 ligase ligand Pomalidomide and the PROTAC linker AM-Imidazole-PA-Boc.
Targets(IC50)	IRAK,PROTACs

Solubility Information

Solubility	DMSO: 160 mg/mL (176.82 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 (5.53 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	1.1052 mL	5.5258 mL	11.0516 mL
5 mM	0.221 mL	1.1052 mL	2.2103 mL
10 mM	0.1105 mL	0.5526 mL	1.1052 mL
50 mM	0.0221 mL	0.1105 mL	0.221 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

Nello Mainolfi, et al. Irak degraders and uses thereof. US20190192668A1.

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