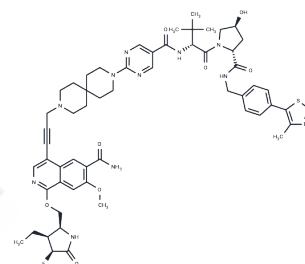


PROTAC IRAK4 degrader-3

Chemical Properties

CAS No. :	2374122-43-5
Formula:	C57H68FN11O8S
Molecular Weight:	1086.3
Storage:	Keep away from direct sunlight 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	PROTAC IRAK4 degrader-3 is a PROTAC-induced IRAK4 degrader based on von Hippel-Lindau (VHL).
Targets(IC50)	IRAK,PROTACs
In vitro	PROTAC IRAK4 degrader-3, within a concentration range of 0.01 to 10 μ M over 2 hours in PBMCs, induces proteasome-dependent degradation. An increased dosage range up to 100 μ M for 18 hours in the same cell type effectively inhibits IL-6 secretion. Western Blot Analysis further confirms that the degradation of IRAK4 by PROTAC occurs in a proteasome-dependent manner within the tested concentration and time frame[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9206 mL	4.6028 mL	9.2056 mL
5 mM	0.1841 mL	0.9206 mL	1.8411 mL
10 mM	0.0921 mL	0.4603 mL	0.9206 mL
50 mM	0.0184 mL	0.0921 mL	0.1841 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

Nunes J, et al. Targeting IRAK4 for Degradation with PROTACs. ACS Med Chem Lett. 2019;10(7):1081-1085. Published 2019 Jun 14.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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