

PROTAC BRD9 Degradar-1

Chemical Properties

CAS No. : 2097971-01-0

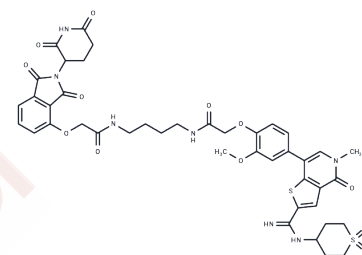
Formula: C42H45N7O12S2

Molecular Weight: 903.98

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 BRD9 Degradar-1 is a leading PROTAC BRD9 chemical degrader with an IC50 of 13.5 nM.
Targets(IC50)	Epigenetic Reader Domain,PROTACs
In vitro	PROTAC BRD9 Degradar-1 inhibits BRD9, BRD4, and CRBN-DDB1 (IC50s = 13.5 nM, 3.78 μM, and 48.9 nM, respectively)[1].

Solubility Information

Solubility	DMSO: 150 mg/mL (165.93 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: 3.3 mg/mL (3.65 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	1.1062 mL	5.5311 mL	11.0622 mL
5 mM	0.2212 mL	1.1062 mL	2.2124 mL
10 mM	0.1106 mL	0.5531 mL	1.1062 mL
50 mM	0.0221 mL	0.1106 mL	0.2212 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

Remillard D, et al. Degradation of the BAF Complex Factor BRD9 by Heterobifunctional Ligands. *Angew Chem Int Ed Engl.* 2017 May 15;56(21):5738-5743.

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