

PROTAC Bcl2 degrader-1

Chemical Properties

CAS No. : 2378801-85-3

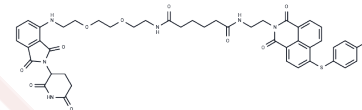
Formula: C45H45BrN6O10S

Molecular Weight: 941.84

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 Bcl2 degrader-1 is a PROTAC, which potently and selectively induces the degradation of Mcl-1 (IC50: 11.81 µM) and Bcl-2 (IC50: 4.94 µM; DC50: 3.0 µM).
Targets(IC50)	Bcl-2 Family, PROTACs

Solubility Information

Solubility	DMSO: 25 mg/mL (26.54 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: 2 mg/mL (2.12 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	1.0618 mL	5.3088 mL	10.6175 mL
5 mM	0.2124 mL	1.0618 mL	2.1235 mL
10 mM	0.1062 mL	0.5309 mL	1.0618 mL
50 mM	0.0212 mL	0.1062 mL	0.2124 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

Wang Z, et al. Proteolysis Targeting Chimeras for the Selective Degradation of Mcl-1/Bcl-2 Derived from Nonselective Target Binding Ligands. J Med Chem. 2019 Aug 21.

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