

PROTAC BET Degrader-1

Chemical Properties

CAS No. : 2093386-22-0

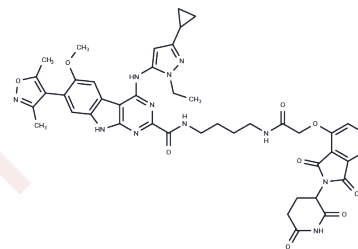
Formula: C44H45N11O9

Molecular Weight: 871.9

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 BET Degrader-1 is a potent BET degrader utilizing the PROTAC mechanism.
Targets(IC50)	Epigenetic Reader Domain,PROTACs

Solubility Information

Solubility	DMSO: 50 mg/mL (57.35 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: 1.67 mg/mL (1.92 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	1.1469 mL	5.7346 mL	11.4692 mL
5 mM	0.2294 mL	1.1469 mL	2.2938 mL
10 mM	0.1147 mL	0.5735 mL	1.1469 mL
50 mM	0.0229 mL	0.1147 mL	0.2294 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

Zhou B, et al. Discovery of a Small-Molecule Degradator of Bromodomain and Extra-Terminal (BET) Proteins with Picomolar Cellular Potencies and Capable of Achieving Tumor Regression. J Med Chem. 2018 Jan 25;61(2):462-481.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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