

## PROTAC CARM1/IKZF3 degrader-1

## Chemical Properties

CAS No. :

Formula: C<sub>46</sub>H<sub>54</sub>ClN<sub>9</sub>O<sub>8</sub>

Molecular Weight: 896.43

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 CARM1/IKZF3 degrader-1 (Compound 074) inhibits CARM1, reducing the methylation level of its substrate BAF155. This PROTAC degrader works by degrading IKZF 1/3 via a CRBN-dependent mechanism. It suppresses MYC protein expression, thereby inhibiting the proliferation of various multiple myeloma cells. Additionally, PROTAC CARM1/IKZF3 degrader-1 can induce apoptosis in H929 cells and overcomes resistance to immunomodulatory drugs (IMiDs, such as pomalidomide). It is applicable for cancer and immunology research. (Pink: ligand for target protein CARM1/IKZF3 ligand 1; Active form of target protein ligand: EZM 2302; Black: linker; Blue: ligand for E3 ligase Cereblon Thalidomide 4-fluoride)
Targets(IC50)	Apoptosis,Histone Methyltransferase,PROTACs,IKZF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1155 mL	5.5777 mL	11.1554 mL
5 mM	0.2231 mL	1.1155 mL	2.2311 mL
10 mM	0.1116 mL	0.5578 mL	1.1155 mL
50 mM	0.0223 mL	0.1116 mL	0.2231 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.

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