

AB3067

Chemical Properties

CAS No. :

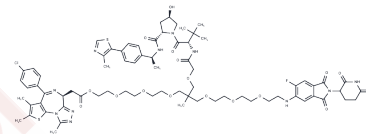
Formula: C74H91ClFN11O17S2

Molecular Weight: 1525.16

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	AB3067 is a PROTAC degrader targeting BET protein, efficiently recruiting two distinct E3 ligases, Cereblon and VHL, with strong affinity (demonstrated by IC50 values of 559 nM for VHL and 190 nM for CRBN in vivo HEK293). It degrades BRD2, BRD3, BRD4, and CRBN with DC50 values of 2.1~2.3, 1.6, 15, and 75 nM, respectively. Additionally, AB3067 inhibits the proliferation of RKO cells, with an EC50 of 111 nM. (Pink: ligand for target protein; Black: linker; Blue: ligand for E3 ligase VHL and CRBN)
Targets(IC50)	Epigenetic Reader Domain,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6557 mL	3.2783 mL	6.5567 mL
5 mM	0.1311 mL	0.6557 mL	1.3113 mL
10 mM	0.0656 mL	0.3278 mL	0.6557 mL
50 mM	0.0131 mL	0.0656 mL	0.1311 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481