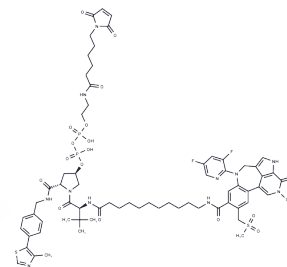


PROTAC BRD4 Degradator-13

Chemical Properties

CAS No. :	2417370-71-7
Formula:	C ₆₈ H ₈₅ F ₂ N ₁₁ O ₁₇ P ₂ S ₂
Molecular Weight:	1492.55
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	PROTAC BRD4 Degradator-13 (compound 9d) is a bioactive compound functioning as a proteolysis targeting chimera (PROTAC) by linking ligands for von Hippel-Lindau and BRD4 proteins. In PC3 prostate cancer cells, it effectively degrades the BRD4 protein through conjugation with STEAP1 and CLL1 antibodies, exhibiting a DC50 of 0.025 nM and 6.0 nM, respectively.
Targets(IC50)	Others,Epigenetic Reader Domain,PROTAC-Linker Conjugates for PAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.670 mL	3.350 mL	6.6999 mL
5 mM	0.134 mL	0.670 mL	1.340 mL
10 mM	0.067 mL	0.335 mL	0.670 mL
50 mM	0.0134 mL	0.067 mL	0.134 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

Dragovich PS, et, al. Antibody-Mediated Delivery of Chimeric BRD4 Degradators. Part 2: Improvement of In Vitro Antiproliferation Activity and In Vivo Antitumor Efficacy. J Med Chem. 2021 Mar 11;64(5):2576-2607.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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