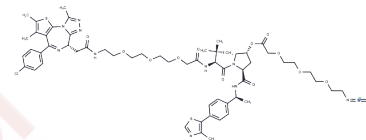


PROTAC BRD4 Degradar-5-CO-PEG3-N3

Chemical Properties

CAS No. :	2704602-92-4
Formula:	C58H75ClN12O12S2
Molecular Weight:	1231.87
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	PROTAC BRD4 Degradar-5-CO-PEG3-N3 is a PROTAC-linker conjugate for PAC. PROTAC BRD4 Degradar-5-CO-PEG3-N3 comprises the BRD4 degrader GNE-987 linked through a PEG-based spacer to enable modular bioconjugation. PROTAC BRD4 Degradar-5-CO-PEG3-N3 functions as a click-chemistry reagent containing an azide group capable of undergoing copper-catalyzed azide-alkyne cycloaddition (CuAAC) with alkyne-bearing molecules. PROTAC BRD4 Degradar-5-CO-PEG3-N3 can also react through strain-promoted alkyne-azide cycloaddition (SPAAC) with DBCO- or BCN-containing compounds, thereby supporting targeted PROTAC assembly and bioconjugation for chemical biology and drug-discovery applications.
Targets(IC50)	Epigenetic Reader Domain,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8118 mL	4.0589 mL	8.1177 mL
5 mM	0.1624 mL	0.8118 mL	1.6235 mL
10 mM	0.0812 mL	0.4059 mL	0.8118 mL
50 mM	0.0162 mL	0.0812 mL	0.1624 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

Mari A Maneiro, et al. Antibody-PROTAC Conjugates Enable HER2-Dependent Targeted Protein Degradation of BRD4. ACS Chem Biol. 2020 Jun 19;15(6):1306-1312.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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