

K-Ras ligand-Linker Conjugate 4

Chemical Properties

CAS No. : 2378261-83-5

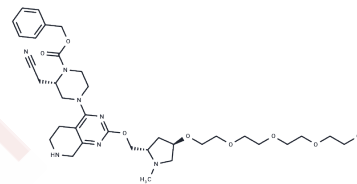
Formula: C35H51N7O8

Molecular Weight: 697.82

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 | K-Ras ligand-Linker Conjugate 4 is a chemical compound combining a K-Ras recruiting ligand with a PROTAC linker, responsible for recruiting E3 ligases such as VHL, CRBN, MDM2, and IAP. It has the potential to be used in synthesizing PROTAC K-Ras Degrader-1, which shows a degradation efficacy of $\geq 70\%$ in SW1573 cells[1]. |
| Targets(IC50) | Others,Target Protein Ligand-Linker Conjugates |
| In vitro | PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. Utilizing the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.433 mL | 7.1652 mL | 14.3303 mL |
| 5 mM | 0.2866 mL | 1.433 mL | 2.8661 mL |
| 10 mM | 0.1433 mL | 0.7165 mL | 1.433 mL |
| 50 mM | 0.0287 mL | 0.1433 mL | 0.2866 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

CREW, Andrew P., et al. MODULATORS OF PROTEOLYSIS AND ASSOCIATED METHODS OF USE. WO2019195609A2.

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