

## K-Ras ligand-Linker Conjugate 5

### Chemical Properties

CAS No. : 2378261-85-7

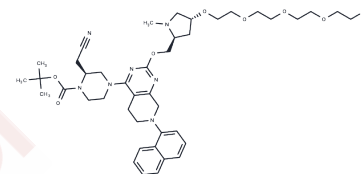
Formula: C42H59N7O8

Molecular Weight: 789.96

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 5 is a chemical compound combining a K-Ras recruiting ligand with a PROTAC linker for E3 ligases, such as VHL, CRBN, MDM2, and IAP. This conjugate is crucial for synthesizing PROTAC K-Ras Degradator-1, displaying 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, with one ligand targeting an E3 ubiquitin ligase and the other targeting a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2659 mL	6.3294 mL	12.6589 mL
5 mM	0.2532 mL	1.2659 mL	2.5318 mL
10 mM	0.1266 mL	0.6329 mL	1.2659 mL
50 mM	0.0253 mL	0.1266 mL	0.2532 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.

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