

## K-Ras ligand-Linker Conjugate 2

## Chemical Properties

CAS No. :

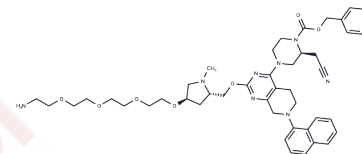
Formula: C45H58N8O7

Molecular Weight: 822.99

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 2 is a chemical compound that includes a ligand for K-Ras and a PROTAC linker, capable of recruiting E3 ligases like VHL, CRBN, MDM2, and IAP. It is utilized in synthesizing PROTAC K-Ras Degradator-1, a highly effective PROTAC K-Ras degrader with 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 connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2151 mL	6.0754 mL	12.1508 mL
5 mM	0.243 mL	1.2151 mL	2.4302 mL
10 mM	0.1215 mL	0.6075 mL	1.2151 mL
50 mM	0.0243 mL	0.1215 mL	0.243 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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