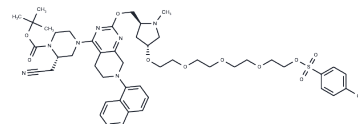


K-Ras ligand-Linker Conjugate 3

Chemical Properties

CAS No. : 2378261-87-9
Formula: C49H65N7O10S
Molecular Weight: 944.15
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	K-Ras ligand-Linker Conjugate 3 (Compound 001371) is a chemical compound that consists of a ligand for K-Ras recruiting moiety and a PROTAC linker, responsible for recruiting E3 ligases (e.g., VHL, CRBN, MDM2, and IAP). This compound is essential in the synthesis of PROTAC K-Ras Degradator-1, a potent PROTAC K-Ras degrader that demonstrates a degradation efficacy of $\geq 70\%$ in SW1573 cells[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0592 mL	5.2958 mL	10.5915 mL
5 mM	0.2118 mL	1.0592 mL	2.1183 mL
10 mM	0.1059 mL	0.5296 mL	1.0592 mL
50 mM	0.0212 mL	0.1059 mL	0.2118 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.

Reference

Andrew P. Crew, et al. Modulators of proteolysis and associated methods of use. WO2019195609A2.

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