

LD4172

## Chemical Properties

CAS No. : 2782022-40-4

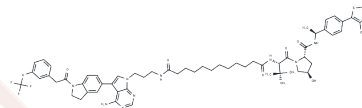
Formula: C<sub>61</sub>H<sub>75</sub>F<sub>3</sub>N<sub>10</sub>O<sub>7</sub>S

Molecular Weight: 1149.37

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	LD4172 is a PROTAC degrader capable of degrading RIP kinase (RIPK1) with a DC50 in the nanomolar range. When used in combination with TNF- $\alpha$ , LD4172 can induce apoptosis in B16F10 cells. In mouse models, it demonstrates antitumor activity. (Pink: ligand for target protein; Black: linker; Blue: ligand for E3 ligase VHL)
Targets(IC50)	PROTACs,RIP kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.870 mL	4.3502 mL	8.7004 mL
5 mM	0.174 mL	0.870 mL	1.7401 mL
10 mM	0.087 mL	0.435 mL	0.870 mL
50 mM	0.0174 mL	0.087 mL	0.174 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.

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