

TD-004

Chemical Properties

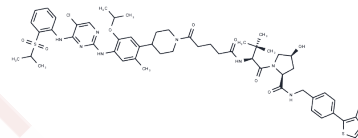
CAS No. : 2351915-38-1

Formula: C₅₅H₇₀ClN₉O₈S₂

Molecular Weight: 1084.78

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	TD-004 (HC58-111) is an innovative degrader of anaplastic lymphoma kinase (ALK) fusion proteins, effectively promoting the degradation of ALK proteins. It inhibits the growth of ALK fusion-positive cell lines SU-DHL-1 and H3122, and significantly reduces tumor growth in H3122 xenograft models.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9218 mL	4.6092 mL	9.2185 mL
5 mM	0.1844 mL	0.9218 mL	1.8437 mL
10 mM	0.0922 mL	0.4609 mL	0.9218 mL
50 mM	0.0184 mL	0.0922 mL	0.1844 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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