

## PROTAC EGFR degrader 7

## Chemical Properties

CAS No. :

Formula: C46H48N10O6

Molecular Weight: 836.94

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	PROTAC EGFR degrader 7 (compound 13b) is a potent and selective CRBN-recruiting agent targeting EGFR L858R/T790M mutations with a DC50 of 13.2 nM. It effectively inhibits proliferation in NCI-H1975 cells with an IC50 of 46.82 nM and significantly induces apoptosis and G2/M phase arrest in these cells. Demonstrating antitumor efficacy, PROTAC EGFR degrader 7 holds promise for non-small cell lung cancer (NSCLC) research [1].
Targets(IC50)	Apoptosis,EGFR,Others,PROTACs

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1948 mL	5.9741 mL	11.9483 mL
5 mM	0.239 mL	1.1948 mL	2.3897 mL
10 mM	0.1195 mL	0.5974 mL	1.1948 mL
50 mM	0.0239 mL	0.1195 mL	0.239 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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