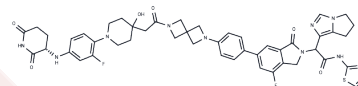


## PROTAC EGFR degrader 12

## Chemical Properties

CAS No. :	2654821-05-1
Formula:	C48H48F2N10O6S
Molecular Weight:	931.02
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	PROTACEGFRdegrader 12 (example 1) is a PROTAC degrader that selectively targets and degrades mutant EGFR, with minimal effect on EGFRWT. It demonstrates an IC50 of less than 50 nM against EGFR L858R-T790M (NCI-H1975 cells), EGFR L858R (NCI-H3255 cells), and EGFR L858R-T790M-L797S (NCI-H1975+CS cells).
Targets(IC50)	EGFR,PROTACs
In vitro	PROTAC EGFR degrader 12 (example 1) exhibits growth inhibitory effects on Ba/F3 cell lines expressing both EGFR WT and mutants, with CTG 50 values of 1.62 μM for EGFR WT and 5-21 nM for EGFR mutants.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0741 mL	5.3705 mL	10.7409 mL
5 mM	0.2148 mL	1.0741 mL	2.1482 mL
10 mM	0.1074 mL	0.537 mL	1.0741 mL
50 mM	0.0215 mL	0.1074 mL	0.2148 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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