

PROTAC TG2 degrader-2

Chemical Properties

CAS No. :

Formula: C47H57N9O6S

Molecular Weight: 876.08

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 TG2 degrader-2 (compound 7) is a selective competitive degrader of Transglutaminase 2 (TG2) with a dissociation constant (Kd) greater than 100 μ M. It inhibits cell migration and reduces TG2 levels in ovarian cancer cells, making it a valuable tool for ovarian cancer research [1].
Targets(IC50)	Glutaminase,PROTACs
In vitro	PROTAC TG2 degrader-2 (Compound 7) (10 μ M, up to 24 h) inhibits migration and invasion in wound healing assays, and reduces fibronectin adherence in OVCAR5 and SKOV3 cell lines. Additionally, at up to 10 μ M for 6 h, it decreases transglutaminase 2 (TG2) levels in a concentration-dependent manner in both cell lines [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1414 mL	5.7072 mL	11.4145 mL
5 mM	0.2283 mL	1.1414 mL	2.2829 mL
10 mM	0.1141 mL	0.5707 mL	1.1414 mL
50 mM	0.0228 mL	0.1141 mL	0.2283 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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