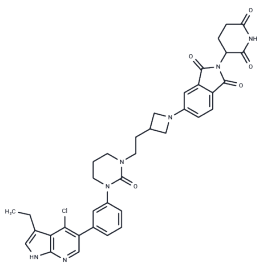
Data Sheet (Cat.No.T200585)

TargetMol

PROTAC GSPT1 degrader-1

Chemical Properties



CAS No. : 3034310-17-0

Formula: C37H36ClN7O5

Molecular Weight: 694.18

Storage: Keep away from direct sunlight
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 GSPT1 degrader-1 (Compound F) is a PROTAC-based degrader that effectively targets and degrades G1 to S phase transition protein 1 (GSPT1), achieving degradation rates of 95% at 1 μM and 86% at 0.1 μM. Additionally, this compound inhibits the viability of HL-60 cells with an IC50 of 9.2 nM.
Targets(IC50)	PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4405 mL	7.2027 mL	14.4055 mL
5 mM	0.2881 mL	1.4405 mL	2.8811 mL
10 mM	0.1441 mL	0.7203 mL	1.4405 mL
50 mM	0.0288 mL	0.1441 mL	0.2881 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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