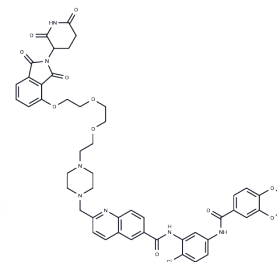


CCT367766

Chemical Properties

CAS No. :	2229856-58-8
Formula:	C ₄₉ H ₄₈ ClN ₇ O ₁₁
Molecular Weight:	946.4
Storage:	Keep away from moisture 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	CCT367766 is a potent, PROTAC-based, third-generation, iso-functional pirin-targeted protein degradation probe (PDP) that depletes pirin expression at low concentrations. CCT367766 has an IC ₅₀ value of 490 nM for the CRBN-DDB1 complex. CCT367766 has a good affinity for recombinant pirin and CRBN. CCT367766 has a good affinity for recombinant pirin and CRBN, with K _d values of 55 nM and 120 nM, respectively. cct367766 is a potent orally active protein that reduces the expression of pirin at low concentrations.
Targets(IC ₅₀)	PROTACs
In vitro	CCT367766 (0.5-50 nM; 2 h) demonstrates the concentration-dependent depletion of Pirin protein after 2 h exposure in SK-OV-3 cells.[1] CCT367766 (0.5-50 nM; 2 h) dose-dependently rescues pirin expression from pretreatment of chlorobisamide in SK-OV-3 cells.[1] CCT367766 (50-1500 nM; 24 h) demonstrates the depletion of Pirin protein as a time-dependent hook effect in SK-OV-3 human ovarian cancer cells.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0566 mL	5.2832 mL	10.5664 mL
5 mM	0.2113 mL	1.0566 mL	2.1133 mL
10 mM	0.1057 mL	0.5283 mL	1.0566 mL
50 mM	0.0211 mL	0.1057 mL	0.2113 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.

Reference

Chessum NEA, et al. Demonstrating In-Cell Target Engagement Using a Pirin Protein Degradation Probe (CCT367766). J Med Chem. 2018 Feb 8;61(3):918-933.

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