

PROTAC CYP1B1 degrader-1

Chemical Properties

CAS No. : 2411389-67-6

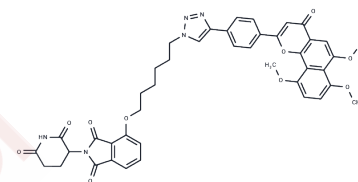
Formula: C43H39N5O10

Molecular Weight: 785.8

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 CYP1B1 Degrader-1 (Compound 6C), an α -naphthoflavone chimera derivative, effectively targets and degrades cytochrome P450 (CYP) 1B1 to overcome agent resistance, displaying half-maximal inhibitory concentrations (IC50s) of 95.1 nM for CYP1B1 and 9838.6 nM for CYP1A2. This compound is suitable for investigating prostate cancer characterized by overexpression of CYP1B1 [1].
Targets(IC50)	Cytochromes P450, PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2726 mL	6.3629 mL	12.7259 mL
5 mM	0.2545 mL	1.2726 mL	2.5452 mL
10 mM	0.1273 mL	0.6363 mL	1.2726 mL
50 mM	0.0255 mL	0.1273 mL	0.2545 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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