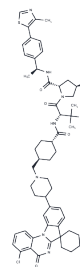


SMD-1087

Chemical Properties

CAS No. : 3033586-04-5
 Formula: C₅₆H₆₈ClN₇O₅S
 Molecular Weight: 986.701
 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	SMD-1087 is a selective PROTAC targeting SMARCA2 with a DC50 of 8 nM and a maximum degradation (D _{max}) of 89%, while its DC50 for SMARCA4 exceeds 1 μM. The compound is composed of an E3 ligase ligand, (S,R,S)-AHPC-Me [blue part], a target protein ligand SMI-1074 [red part], and a PROTAC linker, (1r,4r)-tert-Butyl 4-(bromomethyl)cyclohexanecarboxylate [black part]. Notably, its target protein ligand plus linker section corresponds to the SMARCA2 Ligand-Linker Conjugate-1.
Targets(IC50)	Others,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0135 mL	5.0674 mL	10.1348 mL
5 mM	0.2027 mL	1.0135 mL	2.027 mL
10 mM	0.1013 mL	0.5067 mL	1.0135 mL
50 mM	0.0203 mL	0.1013 mL	0.2027 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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