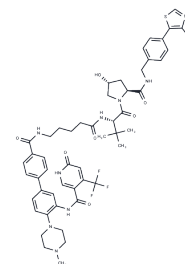


Homer

Chemical Properties

CAS No. :	2737222-94-3
Formula:	C52H60F3N9O7S
Molecular Weight:	1012.15
Storage:	Keep away from direct sunlight 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	Homer is a specific probe targeting WDR5. In MV4-11 cells, Homer induces the degradation of WDR5 protein with a DC50 of 53 nM. At a concentration of 1 μM, Homer reduces WDR5 protein levels in MV4-11 cells without affecting its mRNA expression.
Targets(IC50)	DNA/RNA Synthesis,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.988 mL	4.940 mL	9.880 mL
5 mM	0.1976 mL	0.988 mL	1.976 mL
10 mM	0.0988 mL	0.494 mL	0.988 mL
50 mM	0.0198 mL	0.0988 mL	0.1976 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

- Achermann R, et al. Demographic, psychosocial and health disparities between living and deceased renal allograft recipients in Switzerland. *Swiss Med Wkly.* 2021 Aug 12;151:w20532.
- Dölle A, et al. Design, Synthesis, and Evaluation of WD-Repeat-Containing Protein 5 (WDR5) Degraders. *J Med Chem.* 2021;64(15):10682-10710.
- Zhang C, et al. PROTACs Targeting Epigenetic Proteins. *Acta Mater Med.* 2023;2(4):409-429.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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