Data Sheet (Cat.No.T205683)

TargetMol

PROTAC FGFR1 degrader-1

Chemical Properties

CAS No. :

Formula: C46H54N8O8

Molecular Weight: 846.97

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 FGFR1 degrader-1 (compound S2H) is a targeted degrader of FGFR1, demonstrating an IC50 of 26.81 nM and a DC50 of 39.78 nM in KG1a cells. This compound is composed of a CRBN-type E3 ligase ligand (blue part) Pomalidomide, a target protein ligand (red part) FGFR1ligand-1, and a PROTAC linker (black part) 9-Bromononanoic acid, together forming the conjugate E3LigaseLigand-linker Conjugate 164.
Targets(IC50)	FGFR,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1807 mL	5.9034 mL	11.8068 mL
5 mM	0.2361 mL	1.1807 mL	2.3614 mL
10 mM	0.1181 mL	0.5903 mL	1.1807 mL
50 mM	0.0236 mL	0.1181 mL	0.2361 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

Wang YW, et al. Design, synthesis, and biological evaluation of novel FGFR1 PROTACs. Bioorg Chem. 2025 Feb;155: 108109.

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