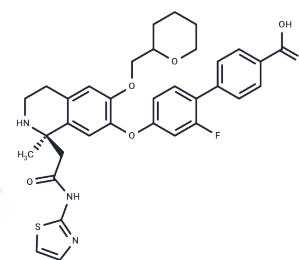


PCSK9 degrader 1

Chemical Properties

CAS No. :	2215931-60-3
Formula:	C ₃₄ H ₃₄ FN ₃ O ₆ S
Molecular Weight:	631.71
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	PCSK9 degrader 1 is a selective proprotein convertase subtilisin-like/kexin type 9 (PCSK9) degrader. PCSK9 degrader 1 does not affect PCSK9 function.
Targets(IC50)	Others
In vitro	Biphenyl acid PCSK9 degrader 1 (compound 9) binds to and thermally stabilizes PCSK9 in a complex environment such as Huh7 lysate[1]. PCSK9 degrader 1 (compound 9), with high affinity for recombinant PCSK9 and target engagement in cell lysate, could be used as a recruiting element to promote the selective degradation of PCSK9[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.583 mL	7.915 mL	15.830 mL
5 mM	0.3166 mL	1.583 mL	3.166 mL
10 mM	0.1583 mL	0.7915 mL	1.583 mL
50 mM	0.0317 mL	0.1583 mL	0.3166 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

Whitney L Petrilli, et al. From Screening to Targeted Degradation: Strategies for the Discovery and Optimization of Small Molecule Ligands for PCSK9. Cell Chem Biol. 2020 Jan 16;27(1):32-40.e3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481