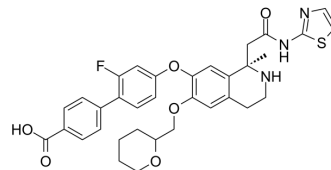


PCSK9 ligand 1

Cat. No.:	HY-141724
CAS No.:	2215931-60-3
Molecular Formula:	C ₃₄ H ₃₄ FN ₃ O ₆ S
Molecular Weight:	631.71
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PCSK9 ligand 1 is a selective proprotein convertase subtilisin-like/kexin type 9 (PCSK9) ligand. PCSK9 ligand 1 does not affect PCSK9 function ^[1] .
In Vitro	Biphenyl acid PCSK9 ligand 1 (compound 9) binds to and thermally stabilizes PCSK9 in a complex environment such as Huh7 lysate ^[1] . PCSK9 ligand 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] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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