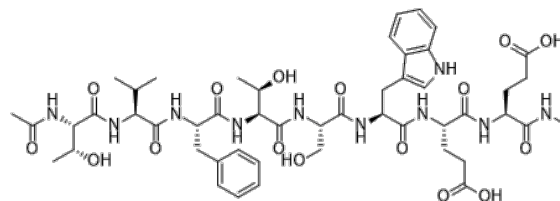


Product Name : PCSK9 inhibitor Pep2-8
Cat. No. : PC-25615
CAS No. : 1541011-97-5
Molecular Formula : C₈₃H₁₁₀N₁₆O₂₄
Molecular Weight : 1715.85
Target : PCSK9
Solubility : 10 mM in DMSO



Ac-Thr-Val-Phe-Thr-Ser-Trp-Glu-Glu-Tyr-Leu

Biological Activity

Pep2-8 is a specific small peptide PCSK9 inhibitor with a binding KD of 0.7 μM, inhibits LDL receptor and EGF(A) domain binding to PCSK9 with IC50 values of 0.8 μM and 0.4 μM respectively, Pep2-8 is an EGF(A)-mimicking peptide and does not bind to other proprotein convertases.

References

Zhang Y, et al. J Biol Chem. 2014 Jan 10;289(2):942-55.

Zhang Y, et al. Nat Struct Mol Biol. 2017 Oct;24(10):848-856.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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