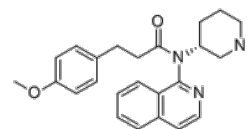


Product Name : R-IMPP
Cat. No. : PC-60376
CAS No. : 2133832-83-2
Molecular Formula : C₂₄H₂₇N₃O₂
Molecular Weight : 389.5
Target : PCSK9
Solubility : 10 mM in DMSO



Biological Activity

R-IMPP ((R)-IMPP, PF-00932239) is a small molecule inhibitor of **PCSK9 secretion** (IC₅₀=4.8 μM) that selectively binds to human 80S ribosome, but not E. coli, ribosomes.

R-IMPP causes transcript-dependent inhibition of PCSK9 translation, stimulates uptake of LDL-C in hepatoma cells by increasing LDL-R levels, without altering levels of secreted transferrin.

References

Petersen DN, et al. *Cell Chem Biol.* 2016 Nov 17;23(11):1362-1371.

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

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