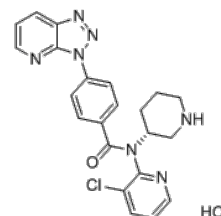


Product Name : PF-06446846 hydrochloride
Cat. No. : PC-70150
CAS No. : 1632250-50-0
Molecular Formula : C₂₂H₂₁Cl₂N₇O
Molecular Weight : 470.358
Target : PCSK9
Solubility : 10 mM in DMSO



Biological Activity

PF-06446846 hydrochloride (PF-6446846) is a potent, highly selective inhibitor of **PCSK9** translation with IC₅₀ of 0.3 μM for inhibition the secretion of PCSK9 by Huh7 cells.

PF-06446846 shows no general effect on the secreted and intracellular proteome.

PF-06446846 induces the ribosome to stall around codon 34, mediated by the sequence of the nascent chain within the exit tunnel.

PF-06446846 reduces plasma PCSK9 and total cholesterol levels in rats following oral dosing.

References

Lintner NG, et al. *PLoS Biol.* 2017 Mar 21;15(3):e2001882.

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

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