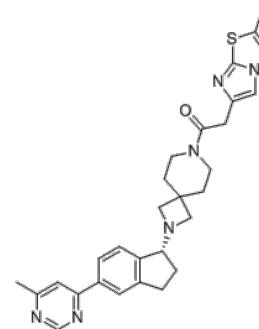


Product Name : PF-05190457
Cat. No. : PC-61098
CAS No. : 1334782-79-4
Molecular Formula : C₂₉H₃₂N₆OS
Molecular Weight : 512.676
Target : Ghrelin Receptor (GHSR)
Solubility :



Biological Activity

PF-05190457 (PF-5190457) is a potent, selective, and orally bioavailable **ghrelin receptor (GHSR)** inverse agonist with binding pKi of 8.36.

PF-05190457 displays excellent off-target activity in the CEREP panel at 10 uM with exception of serotonin 5-HT2B (IC₅₀=3.7 uM).

PF-05190457 demonstrates robust increases in glucose-stimulated insulin secretion in human islets.

References

Bhattacharya SK, et al. *ACS Med Chem Lett.* 2014 Feb 24;5(5):474-9.

Kong J, et al. *Br J Pharmacol.* 2016 May;173(9):1452-64.

Denney WS, et al. *Br J Clin Pharmacol.* 2017 Feb;83(2):326-338.

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

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