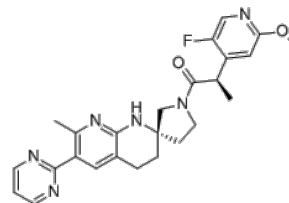


Product Name : PF-07258669
Cat. No. : PC-49760
CAS No. : 2755890-53-8
Molecular Formula : C₂₅H₂₇FN₆O₂
Molecular Weight : 462.53
Target : Melanocortin Receptor
Solubility : 10 mM in DMSO



Biological Activity

PF-07258669 (PF 07258669) is a potent, selective, and orally bioavailable melanocortin-4 receptor (**MC4R**) antagonist with K_i of 0.46 nM and human MC4R inverse agonist potency (IC₅₀=13 nM).

PF-07258669 weakly binds hMC3R, hMC5R and hMC1R with K_i values of 340 nM, 840 nM, and >1600 nM, respectively.

PF-07258669 showed robust in vivo efficacy in an aged rat in vivo model of geriatric anorexia.

References

Michelle R Garnsey, et al. *J Med Chem*. 2023 Feb 19. doi: 10.1021/acs.jmedchem.2c02012.

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

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