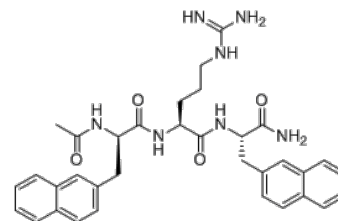


Product Name : MCL0020
Cat. No. : PC-21480
CAS No. : 475498-26-1
Molecular Formula : C₃₄H₃₉N₇O₄
Molecular Weight : 609.72
Target : Melanocortin Receptor
Solubility : 10 mM in DMSO



Biological Activity

MCL0020 is a potent, selective inverse agonist of melanocortin MC4 receptor (**MC4R**) with binding IC₅₀ of 11.6 nM, shows negligible affinity for MC1 and MC3 receptors.

MCL0020 attenuates swim stress-induced anxiogeniclike behavior in light/dark exploration tests in mice, significantly reverses stress-induced anorexia in rats.

References

Chaki S, et al. *Eur J Pharmacol.* 2003 Aug 1;474(1):95-101.

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

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