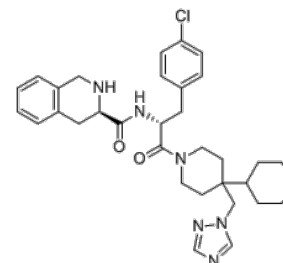


Product Name : THIQ
Cat. No. : PC-70060
CAS No. : 312637-48-2
Molecular Formula : C₃₃H₄₁ClN₆O₂
Molecular Weight : 589.181
Target : Melanocortin Receptor
Solubility : 10 mM in DMSO



Biological Activity

THIQ is a potent and selective melanocortin 4 receptor (**MC4R**) agonist with EC₅₀ of 2.1 nM. THIQ has high selectivity over other melanocortin receptors (1184-fold vs MC3R, 350-fold vs MC5R). THIQ enhances intracavernosal pressure and stimulates erectile activity in rats ex copula.

References

- Sebhat IK, et al. *J Med Chem.* 2002 Oct 10;45(21):4589-93.
Martin WJ, et al. *Eur J Pharmacol.* 2002 Nov 1;454(1):71-9.
Molden BM, et al. *Mol Endocrinol.* 2015 Nov;29(11):1619-33.

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

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