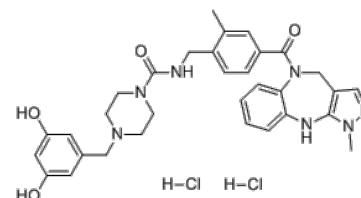


Product Name : WAY-267464 hydrochloride
Cat. No. : PC-35701
CAS No. : 1432043-31-6
Molecular Formula : C₃₂H₃₇Cl₂N₇O₄
Molecular Weight : 654.593
Target : Oxytocin Receptor (OXTR)
Solubility : 10 mM in DMSO



Biological Activity

WAY-267464 hydrochloride (WAY267464) is a potent, selective, non-peptide **oxytocin receptor** (OXTR) agonist with K_i of 58.4 nM, >100-fold selectivity over V1a, V2, V1b receptors.

WAY-267464 exhibits an anxiolytic-like profile similar to oxytocin (OT), also significantly reverses disruption in prepulse inhibition of the acoustic startle reflex induced by either MK-801 or amphetamine in vivo.

References

- Ring RH, et al. *Neuropharmacology*. 2010 Jan;58(1):69-77.
 Hicks C, et al. *J Neuroendocrinol*. 2012 Jul;24(7):1012-29.
 Hicks C, et al. *Br J Pharmacol*. 2014 Jun;171(11):2868-87.
 Hicks C, et al. *Psychopharmacology (Berl)*. 2015 Aug;232(15):2659-67.

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

E-mail: tech@probechem.com