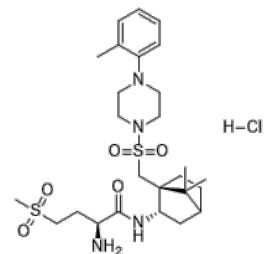


Product Name : L-368,899 hydrochloride
Cat. No. : PC-24224
CAS No. : 160312-62-9
Molecular Formula : C₂₆H₄₃ClN₄O₅S₂
Molecular Weight : 591.22
Target : Oxytocin Receptor (OXTR)
Solubility : 10 mM in DMSO



CAS: 160312-62-9

Biological Activity

L-368,899 hydrochloride is a potent, selective orally bioavailable, non-peptide oxytocin receptor (OTR, OXTR) antagonist with IC₅₀ of 8.9 nM (rat uterus), and 26 nM (human uterus).

L-368,899 inhibits OT-stimulated contractions of the isolated rat uterus (pA₂ = 8.9) and in situ rat uterus (AD₅₀ = 0.35 mg/kg after intravenous (i.v.) administration and 7.0 mg/kg after intraduodenal administration).

References

Williams PD, et al. J Med Chem. 1994 Mar 4;37(5):565-71.

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

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