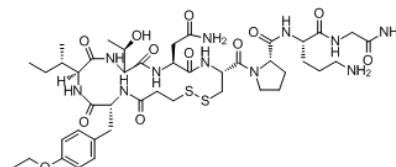


Product Name : Atosiban
Cat. No. : PC-45360
CAS No. : 90779-69-4
Molecular Formula : C₄₃H₆₇N₁₁O₁₂S₂
Molecular Weight : 994.1886
Target : Oxytocin Receptor (OXTR)
Solubility : DMSO: < 10.3 mg/mL



Biological Activity

Atosiban (RWJ-22164) is a nonapeptide, desamino-oxytocin analogue, and a competitive **vasopressin/oxytocin receptor** antagonist.

Atosiban (RWJ-22164) inhibits the oxytocin-mediated release of inositol trisphosphate from the myometrial cell membrane.

Atosiban (RWJ-22164) is used as an intravenous medication as a labour repressant (tocolytic) to halt premature labor.

References

Sanu O, et al. *Ther Clin Risk Manag.* 2010 Apr 26;6:191-9.

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

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