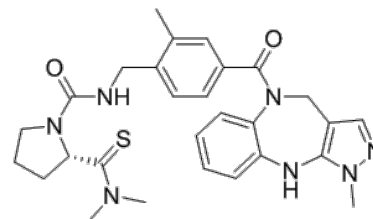


Product Name : LIT-001
Cat. No. : PC-35699
CAS No. : 2245072-20-0
Molecular Formula : C₂₈H₃₃N₇O₂S
Molecular Weight : 531.679
Target : Oxytocin Receptor (OXTR)
Solubility : 10 mM in DMSO



Biological Activity

LIT-001 (LIT001) is the first nonpeptide **Oxytocin receptor (OXTR)** agonist with EC₅₀ of 55 nM, E_{max}=96%. LIT-001 efficiently relieved social interaction deficits in Opm1^{-/-} mice, a mouse model of autism.

References

Frantz MC, et al. *J Med Chem*. 2018 Oct 11;61(19):8670-8692.

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

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