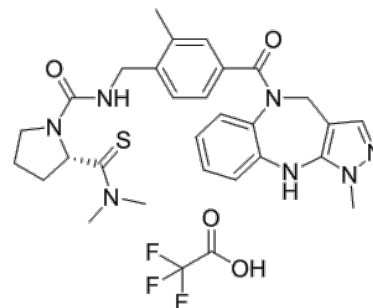


**Product Name** : LIT-001 trifluoroacetate  
**Cat. No.** : PC-35700  
**CAS No.** : 2245072-21-1  
**Molecular Formula** : C<sub>30</sub>H<sub>34</sub>F<sub>3</sub>N<sub>7</sub>O<sub>4</sub>S  
**Molecular Weight** : 645.702  
**Target** : Oxytocin Receptor (OXTR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

LIT-001 trifluoroacetate (LIT001) is the first nonpeptide **Oxytocin receptor (OT-R)** agonist with EC<sub>50</sub> of 55 nM, E<sub>max</sub>=96%. LIT-001 efficiently relieved social interaction deficits in Opm1<sup>-/-</sup> 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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