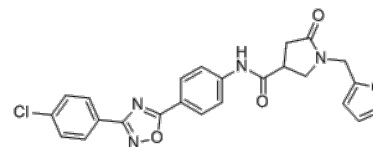


**Product Name** : RLX-33  
**Cat. No.** : PC-38726  
**CAS No.** : 2784577-71-3  
**Molecular Formula** : C<sub>24</sub>H<sub>19</sub>ClN<sub>4</sub>O<sub>4</sub>  
**Molecular Weight** : 462.890  
**Target** : Relaxin Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

RLX-33 is a selective small-molecule nonpeptide antagonist of neuropeptide relaxin-3/**RXFP3** with IC<sub>50</sub> of 2.36 μM (cAMP functional assays), selective for RXFP3 over RXFP1 and RXFP4.

RLX-33 has favorable pharmacokinetic properties for behavioral assessment.

RLX-33 blocked food intake induced by the RXFP3-selective agonist R3/I5.

## References

Elaine A. Gay, et al. *J. Med. Chem.* 2022, May 20, 2022

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

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