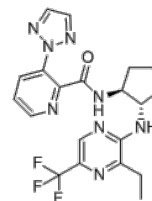


**Product Name** : CVN766  
**Cat. No.** : PC-21740  
**CAS No.** : 1803557-42-7  
**Molecular Formula** : C<sub>20</sub>H<sub>21</sub>F<sub>3</sub>N<sub>8</sub>O  
**Molecular Weight** : 446.44  
**Target** : Orexin Receptor  
**Solubility** : 10 mM in DMSO



CAS: 1803557-42-7

### Biological Activity

CVN766 (CVN 766) is a potent, exquisitely selective orexin 1 receptor (**OX1R**) antagonist with IC<sub>50</sub> of 8 nM, 1000-fold selective over OX2R.

CVN766 displays slow off rate binding kinetics leading to an extended receptor occupancy in rats.

CVN766 also demonstrates high brain permeability and a pharmacokinetic and safety profile suitable for clinical studies.

### References

Angela Glen, et al. *Bioorg Med Chem Lett*. 2024 Jan 29:129629.

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

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