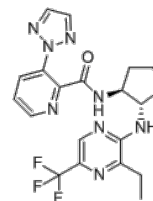


Product Name : CVN766
Cat. No. : PC-21740
CAS No. : 1803557-42-7
Molecular Formula : C₂₀H₂₁F₃N₈O
Molecular Weight : 446.44
Target : Orexin Receptor
Solubility : 10 mM in DMSO



CAS: 1803557-42-7

Biological Activity

CVN766 (CVN 766) is a potent, exquisitely selective orexin 1 receptor (**OX1R**) antagonist with IC₅₀ 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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