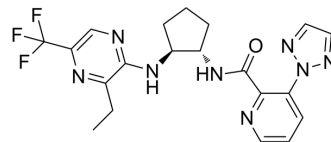


## CVN766

Cat. No.:	HY-162235
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:	446.43
Target:	Orexin Receptor (OX Receptor)
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	CVN766 is an orally active inhibitor of orexin 1 receptor antagonist with blood-brain permeability with the IC <sub>50</sub> values of 8 nM and >10 μM for OX1R and OX2R, respectively. CVN766 can be used for study schizophrenia <sup>[1]</sup> .	
IC <sub>50</sub> & Target	OX1 8 nM (IC <sub>50</sub> )	OX2 >10 μM (IC <sub>50</sub> )

## REFERENCES

[1]. Glen A, Bürlü RW, Livermore D, Buffham W, Merison S, Rowland AE, Newman R, Fieldhouse C, Miller DJ, Dawson LA, et al. Discovery and first-time disclosure of CVN766, an exquisitely selective orexin 1 receptor antagonist. *Bioorg Med Chem Lett*. 2024 Mar 1;100:129629.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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