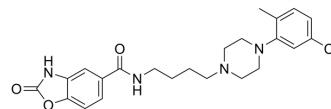


## YQA14

Cat. No.:	HY-116181
CAS No.:	1221408-42-9
Molecular Formula:	C <sub>23</sub> H <sub>27</sub> ClN <sub>4</sub> O <sub>3</sub>
Molecular Weight:	442.94
Target:	Dopamine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	YQA14 is a high affinity dopamine D3 receptor antagonist. YQA14 is anti-opioid addiction agent. YQA14 inhibits Morphine/Cocaine-induced conditioned place preference (CPP) in animals <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	D3 receptor <sup>[1]</sup>

## REFERENCES

[1]. Hu R, et al. The dopamine D3 receptor antagonist YQA14 that inhibits the expression and drug-primed reactivation of morphine-induced conditioned place preference in rats. *Eur J Pharmacol.* 2013 Oct 24;S0014-2999(13)00782-6.

[2]. Song R, et al. Dopamine D(3) receptor deletion or blockade attenuates cocaine-induced conditioned place preference in mice. *Neuropharmacology.* 2013 Sep;72:82-7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA