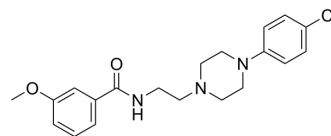


Dopamine D4 receptor ligand 2

Cat. No.:	HY-157563
CAS No.:	219125-63-0
Molecular Formula:	C ₂₀ H ₂₄ ClN ₃ O ₂
Molecular Weight:	373.88
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	Dopamine D4 receptor ligand 2 (compound 17) is a potent and selective dopamine D4 ligand with IC ₅₀ values of 0.057, >1000, 220, 270 nM for D4, D2, 5-HT1A, α1, respectively ^[1] .			
IC₅₀ & Target	D ₄ Receptor 0.057 nM (IC ₅₀)	D ₂ Receptor >1000 nM (IC ₅₀)	5-HT1A 220 nM (IC ₅₀)	α1 270 nM (IC ₅₀)

REFERENCES

[1]. Perrone R, et al. N-[2-[4-(4-Chlorophenyl)piperazin-1-yl]ethyl]-3-methoxybenzamide: a potent and selective dopamine D4 ligand. J Med Chem. 1998 Nov 19;41(24):4903-9.

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