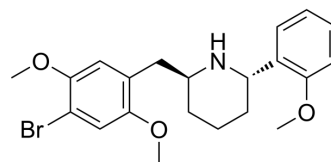


5-HT_{2A} receptor agonist-3

Cat. No.:	HY-153912
CAS No.:	1391499-52-7
Molecular Formula:	C ₂₁ H ₂₆ BrNO ₃
Molecular Weight:	420.34
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	5-HT _{2A} receptor agonist-3 is the most selective agonist for the human 5-HT _{2A} receptor yet discovered, with a K _i of 2.5 nM, and with 124-fold selectivity for 5-HT _{2A} over the structurally similar 5-HT _{2C} receptor ^[1] .
IC ₅₀ & Target	2.5 nM (human 5-HT _{2A})

REFERENCES

[1]. Juncosa JI Jr, et al. Extensive rigid analogue design maps the binding conformation of potent N-benzylphenethylamine 5-HT_{2A} serotonin receptor agonist ligands. ACS Chem Neurosci. 2013;4(1):96-109.

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