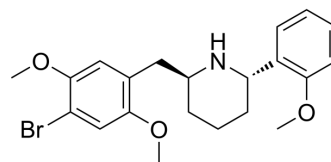


## 5-HT<sub>2A</sub> receptor agonist-3

Cat. No.:	HY-153912
CAS No.:	1391499-52-7
Molecular Formula:	C <sub>21</sub> H <sub>26</sub> BrNO <sub>3</sub>
Molecular Weight:	420.34
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

Description	5-HT <sub>2A</sub> receptor agonist-3 is the most selective agonist for the human 5-HT <sub>2A</sub> receptor yet discovered, with a K <sub>i</sub> of 2.5 nM, and with 124-fold selectivity for 5-HT <sub>2A</sub> over the structurally similar 5-HT <sub>2C</sub> receptor <sup>[1]</sup> .
IC <sub>50</sub> & Target	2.5 nM (human 5-HT <sub>2A</sub> )

### REFERENCES

[1]. Juncosa JI Jr, et al. Extensive rigid analogue design maps the binding conformation of potent N-benzylphenethylamine 5-HT<sub>2A</sub> 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.**

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