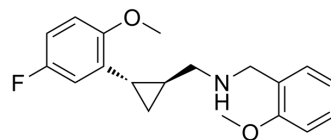


## 5-HT<sub>2C</sub> agonist-3 free base

Cat. No.:	HY-156532A
CAS No.:	2104810-17-3
Molecular Formula:	C <sub>19</sub> H <sub>22</sub> FNO <sub>2</sub>
Molecular Weight:	315.38
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<sub>2C</sub> agonist-3 ((+)-19) free base is a selective 5-HT<sub>2C</sub> agonist (EC<sub>50</sub>: 24 nM, K<sub>i</sub>: 78 nM). 5-HT<sub>2C</sub> agonist-3 free base has antipsychotic drug-like activity. 5-HT<sub>2C</sub> agonist-3 free base blocks Amphetamine-induced hyperactivity<sup>[1]</sup>.

### REFERENCES

[1]. Guiping Zhang, et al. Discovery of N-Substituted (2-Phenylcyclopropyl)methylamines as Functionally Selective Serotonin 2C Receptor Agonists for Potential Use as Antipsychotic Medications. J. Med. Chem. 2017, 60, 14, 6273–6288.

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

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