



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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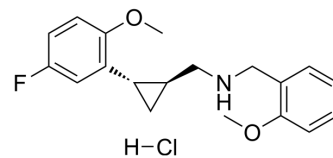
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## 5-HT<sub>2C</sub> agonist-3

Cat. No.:	HY-156532
CAS No.:	2104810-18-4
Molecular Formula:	C <sub>19</sub> H <sub>23</sub> ClFNO <sub>2</sub>
Molecular Weight:	351.84
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) 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 has antipsychotic drug-like activity. 5-HT <sub>2C</sub> agonist-3 blocks Amphetamine-induced hyperactivity <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>50</sub> : 24 nM, K <sub>i</sub> : 78 nM (5-HT <sub>2C</sub> ) <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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