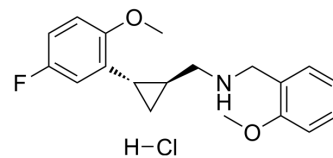


5-HT_{2C} agonist-3

Cat. No.:	HY-156532
CAS No.:	2104810-18-4
Molecular Formula:	C ₁₉ H ₂₃ ClFNO ₂
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 _{2C} agonist-3 ((+)-19) is a selective 5-HT _{2C} agonist (EC ₅₀ : 24 nM, K _i : 78 nM). 5-HT _{2C} agonist-3 has antipsychotic drug-like activity. 5-HT _{2C} agonist-3 blocks Amphetamine-induced hyperactivity ^[1] .
IC ₅₀ & Target	EC ₅₀ : 24 nM, K _i : 78 nM (5-HT _{2C}) ^[1]

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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