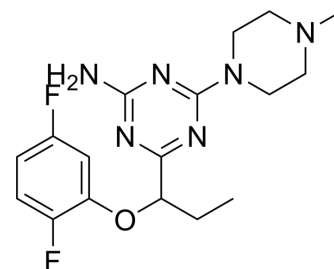


## 5-HT6R antagonist 1

Cat. No.:	HY-156017
Molecular Formula:	C <sub>17</sub> H <sub>22</sub> F <sub>2</sub> N <sub>6</sub> O
Molecular Weight:	364.39
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-HT6R antagonist 1 (Comopund 8) is a 5-HT6R antagonist (K <sub>i</sub> : 5 nM). 5-HT6R antagonist 1 inhibits platelet aggregation. 5-HT6R antagonist 1 has excellent metabolic stability. 5-HT6R antagonist 1 reverses MK-801 (HY-15084B)-induced memory impairments in rats. 5-HT6R antagonist 1 can be used for Alzheimer's disease (AD) research <sup>[1]</sup> .
IC <sub>50</sub> & Target	Ki: 5 nM (5-HT6R) <sup>[1]</sup>

### REFERENCES

[1]. Sudoł-Talał S, et al. Hydrophobicity modulation via the substituents at positions 2 and 4 of 1,3,5-triazine to enhance therapeutic ability against Alzheimer's disease for potent serotonin 5-HT6R agents. Eur J Med Chem. 2023 Nov 15;260:115756.

**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