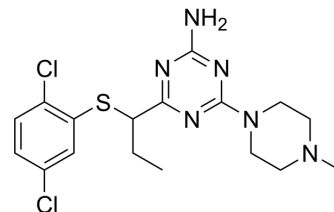


## 5-HT6 agonist 1

Cat. No.:	HY-155116
Molecular Formula:	C <sub>17</sub> H <sub>22</sub> Cl <sub>2</sub> N <sub>6</sub> S
Molecular Weight:	413.37
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-HT6 agonist 1 (Compound 19) is a 5-HT6 agonist (K <sub>i</sub> : 5 nM). 5-HT6 agonist 1 has antidepressant-like properties, and improves cognitive deficits. 5-HT6 agonist 1 also inhibits platelet aggregation. 5-HT6 agonist 1 has high metabolic stability <sup>[1]</sup> .
IC <sub>50</sub> & Target	K <sub>i</sub> : 5 nM <sup>[1]</sup>

### REFERENCES

[1]. Czarnota-Łydka K, et al. Synthesis, computational and experimental pharmacological studies for (thio)ether-triazine 5-HT6R ligands with noticeable action on AChE/BChE and chalcogen-dependent intrinsic activity in search for new class of drugs against Alzheimer's disease. Eur J Med Chem. 2023 Nov 5;259:115695.

**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