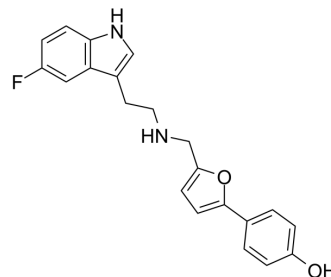


5-HT₆/5-HT_{2A} receptor ligand-1

| | |
|--------------------|---|
| Cat. No.: | HY-146076 |
| CAS No.: | 2411088-07-6 |
| Molecular Formula: | C ₂₁ H ₁₉ FN ₂ O ₂ |
| Molecular Weight: | 350.39 |
| 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-HT ₆ /5-HT _{2A} receptor ligand-1 (compound 33) is a dual 5-HT ₆ /5-HT _{2A} receptor antagonist, with a K _i of 2 nM and 11 nM, respectively. 5-HT ₆ /5-HT _{2A} receptor ligand-1 has the potential for neurological and psychiatric disorders research ^[1] . | |
| IC₅₀ & Target | 5-HT ₆ Receptor 2 nM (K _i) | 5-HT _{2A} Receptor 11 nM (IC ₅₀) |

REFERENCES

[1]. Staroń J, et, al. Virtual screening-driven discovery of dual 5-HT₆/5-HT_{2A} receptor ligands with pro-cognitive properties. Eur J Med Chem. 2020 Jan 1;185:111857.

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

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