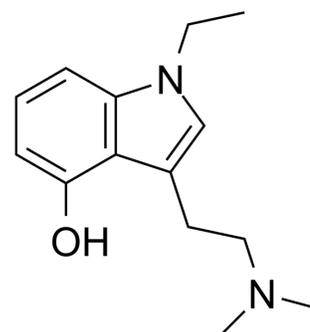


5-HT_{2A}&5-HT_{2C} agonist-1

| | |
|--------------------|---|
| Cat. No.: | HY-156534 |
| CAS No.: | 1640-02-4 |
| Molecular Formula: | C ₁₄ H ₂₀ N ₂ O |
| Molecular Weight: | 232.32 |
| 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 _{2A} &5-HT _{2C} agonist-1 (Example 2) is a 5-HT _{2A} & 5-HT _{2C} agonist, with IC ₅₀ s of 196 nM and 0.9 nM respectively. 5-HT _{2A} &5-HT _{2C} agonist-1 can be used for research of depression, alcoholism, tobacco and cocaine addiction, inflammation, cluster headache, PTSD, seizure disorders and other CNS disorders ^[1] . |
| IC ₅₀ & Target | 196 nM and 0.9 nM (5-HT _{2A} &5-HT _{2C}) ^[1] |

REFERENCES

[1]. Alan Kozikowski, et al. 3-(2-(aminoethyl)-indol-4-yl) derivatives, methods of preparation thereof, and the use as 5-HT₂ receptor modulators. Patent. WO2021179091.

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

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