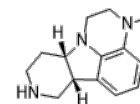


Product Name : IHCH-7113
Cat. No. : PC-28307
CAS No. : 313368-85-3
Molecular Formula : C₁₄H₁₉N₃
Molecular Weight : 229.33
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

IHCH-7113 is a selective agonist of serotonin 2A receptor (5-HT_{2A}R) with EC₅₀ of 58.9 nM in Gq BRET assay and 44.7 nM in β-arrestin 2 BRET assays, activates both Gα_q-mediated signaling pathways and β-arrestin 2 recruitment pathways and shows antidepressant activity.

References

- Dongmei Cao, et al. Science. 2022 Jan 28;375(6579):403-411.
Duan W, et al. Chemical reviews. 2024 Jan 10;124(1):124-163.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com