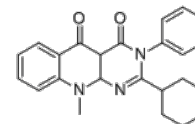


Product Name : MLS1082
Cat. No. : PC-35534
CAS No. : 883958-36-9
Molecular Formula : C₂₄H₂₃N₃O₂
Molecular Weight : 385.467
Target : Dopamine Receptor
Solubility : 10 mM in DMSO



Biological Activity

MLS1082 is a novel positive allosteric modulator of the **D1 dopamine receptor**, potentiates dopamine-stimulated G-protein- and β -arrestin-mediated signaling (EC₅₀=123 nM).

MLS1082 increases the affinity of dopamine for the D1 receptor with low micromolar potencies.

References

Luderman KD, et al. *Mol Pharmacol*. 2018 Aug 1. pii: mol.118.113175.

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

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