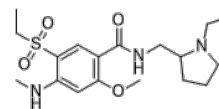


Product Name : LB-102
Cat. No. : PC-23209
CAS No. : 2227154-23-4
Molecular Formula : C₁₈H₂₉N₃O₄S
Molecular Weight : 383.51
Target : Dopamine Receptor
Solubility : 10 mM in DMSO



CAS: 2227154-23-4

Biological Activity

LB-102 is an N-methylated analogue of amisulpride, selective dopamine **D(2/3)/5-HT(7)** inhibitor, binds to the D2 receptor and 5-HT7 receptor with K_i of 0.85 nM and 31 nM respectively, shows potential for treatment of schizophrenia and other psychiatric disorders.

References

Biernat L, et al. *Psychopharmacology (Berl)*. 2022 Sep;239(9):3009-3018.

Grattan V, et al. *ACS Omega*. 2019 Aug 15;4(9):14151-14154.

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

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