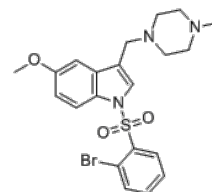


Product Name : SUVN-502
Cat. No. : PC-61500
CAS No. : 701205-60-9
Molecular Formula : C₂₁H₂₄BrN₃O₃S
Molecular Weight : 478.405
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

SUVN-502 (SUVN502, Masupirdine) is a potent, selective, brain penetrant and orally active **5-HT₆** receptor antagonist with K_i of 2.04 nM.

SUVN-502 shows high selectivity over 5-HT_{2A} receptor and other 100 target sites.

SUVN-502 produces synergistic effects in extracellular levels of acetylcholine in the ventral hippocampus combined with donepezil and memantine.

SUVN-502 shows potential for treatment of Alzheimer's disease.

References

Nirogi R, et al. *J Med Chem*. 2017 Mar 9;60(5):1843-1859.

Nirogi R, et al. *J Pharm Biomed Anal*. 2017 Apr 14;145:423-430.

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

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