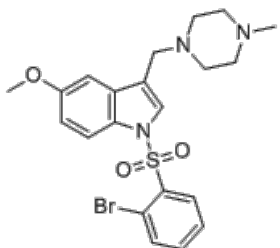


Product Name	: SUVN-502	
Synonyms	: SUVN502; Masupirdine	
Cat No.	: M15690	
CAS Number	: 701205-60-9	
Molecular Formula	: C ₂₁ H ₂₄ BrN ₃ O ₃ S	
Formula Weight	: 478.41	
Chemical Name	: 1-((2-bromophenyl)sulfonyl)-5-methoxy-3-((4-methylpiperazin-1-yl)methyl)-1H-indole	
Description	: SUVN-502 (SUVN502, Masupirdine) is a potent, selective, brain penetrant and orally active 5-HT ₆ receptor antagonist with K _i of 2.04 nM; shows high selectivity over 5-HT _{2A} receptor and other 100 target sites; produces synergistic effects in extracellular levels of acetylcholine in the ventral hippocampus combined with donepezil and memantine; shows potential for treatment of Alzheimer's disease. Alzheimer Disease Phase 2 Clinical	
Pathway	: Endocrinology/Hormones	
Target	: 5-HT Receptor	
Receptor	: 5-HT Receptor	
Solubility	: —	
SMILES	: CN1CCN(CC1)CC2=CN(C3=C2C=C(C=C3)OC)S(=O)(=O)C4=CC=CC=C4Br	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Nirogi R, et al. J Med Chem. 2017 Mar 9;60(5):1843-1859. | 2. Nirogi R, et al. J Pharm Biomed Anal. 2017 Apr 14;145:423-430.