



Product Information

Mavoglurant racemate

Cat. No.: X23-12-YM1405

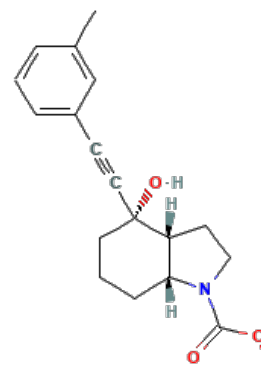
Size: 2 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1636881-61-2

Compound CID: 9926832

Synonym: 1636881-61-2; AFQ-056 racemate; AFQ056; AFQ 056

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Mavoglurant racemate inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	313.39
Molecular Formula	C ₁₉ H ₂₃ NO ₃
IUPAC Name	Methyl (3a <i>R</i> ,4 <i>S</i> ,7a <i>R</i>))-4-hydroxy-4-[2-(3-methylphenyl)ethynyl]-3,3a,5,6,7,7a-hexahydro-2 <i>H</i> -indole-1-carboxylate
InChI	InChI=1S/C19H23NO3/c1-14-5-3-6-15(13-14)8-11-19(22)10-4-7-17-16(19)9-12-20(17)18(21)23-2/h 3,5-6,13,16-17,22H,4,7,9-10,12H2,1-2H3/t16-,17-,19-/m1/s1
InChI Key	ZFPZEYHRWGMJCV-ZHALLVOQSA-N
Canonical SMILES	CC1=CC(=CC=C1)C#CC2(CCCC3C2CCN3C(=O)OC)O
Isomeric SMILES	CC1=CC(=CC=C1)C#C[C@@]2(CCC[C@@H]3[C@H]2CCN3C(=O)OC)O
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Mavoglurant racemate can be studied for its effect on modulating excitatory neurotransmission in the central nervous system.
Storage	Store at -20°C, and keep desiccated.