Amoxapine is a tricyclic antidepressant that acts as an antagonist at 5-HT2/3/6/7 receptors, D2/3/4 receptors, H1 histamine receptors, α1-adrenergic receptors, and also on the serotonin transporter (SERT) and norepinephrine transporter (NET). Amoxapine also acts as an antagonist at hERG K+ channels, potentially prolonging the cardiac QT interval. Amoxapine exhibits antidepressant, antipsychotic, and antibacterial activities. Amoxapine inhibits GABA- and NMDA-induced increases in intracellular Ca2+ levels and increases leu-enkephalin levels in vivo. This compound exhibits antibiotic activity through inhibition of bacterial β-glucuronidase.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.