Olanzapine is an atypical antipsychotic used to treat schizophrenia, bipolar disorder, panic disorder, anxiety, and Tourette’s syndrome. Olanzapine acts as an antagonist or inverse agonist at D1-4 receptors, 5-HT1A/2/3/6/7 receptors, muscarinic acetylcholine receptors (M1-5 mAChRs), α1/2-adrenergic receptors, and histamine receptors. This compound also activates AMPK in the hypothalamus, increasing blood glucose levels. Olanzapine exhibits neuroprotective activity, upregulating BDNF gene transcription and modulating PGE2 and arachidonic acid levels during chronic use.

References


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