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Ziprasidone Mesylate

National Cancer Institute

Source

National Cancer Institute. *Ziprasidone Mesylate*. NCI Thesaurus. Code C48032.

The mesylate salt form of ziprasidone, a benzothiazolylpiperazine derivative and an atypical antipsychotic agent with an antischizophrenic property. Ziprasidone mesylate functions as an antagonist at the dopamine D2 and serotonin 5-HT_{2A} and 5-HT_{1D} receptors, and as an agonist at the 5-HT_{1A} receptor. Ziprasidone mesylate also inhibits the synaptic reuptake of serotonin and norepinephrine. The mechanism of action by which ziprasidone mesylate exerts its antischizophrenic effect is unknown but is potentially mediated through a combination of dopamine D2 and serotonin 5-HT₂ antagonism. This agent also has antagonistic activity against histamine H₁ and alpha-1-adrenergic receptors.