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Olanzapine
Aurobindo
Film-coated tablets
2.5 mg, 5 mg, 7.5 mg, 10 mg, 15 mg, 20 mg

Composition
One film-coated tablet contains:
Active substance: olanzapine 2.5 mg, 5 mg, 7.5 mg, 10 mg, 15 mg, 20 mg
Excipients: lactose monohydrate, hypromellose, microcrystalline cellulose, croscarmellose sodium, magnesium stearate, hypromellose, macrogol 400, macrogol 6000, titanium dioxide (E171), iron oxide yellow (E172), iron oxide red (E172), talc.

Pharmacotherapeutic group
Antipsychotics, other antipsychotics, olanzapine, ATC code: N05AH03

Pharmacological properties
Olanzapine is a thienobenzodiazepine derivative. In vitro it shows activity on many receptors, including human dopamine D1, D2, D3, D4, D5, serotonin 5-HT2, 5-HT3, 5-HT6, muscarinic M1, M2, M3, M4, M5, histamine H1 receptors, and α1-adrenergic receptors. In animal studies, olanzapine shows activity on dopamine receptors, but it selectively affects the mesolimbic and mesocortical pathways, which explains its low propensity for induction of extrapyramidal disorders. In animal studies, olanzapine shows a dose-dependent anxiolytic effect, which is not reversed by the administration of a benzodiazepine receptor agonist. In animal models, olanzapine shows a pronounced effect on the cholinergic system, which corresponds to its affinity for muscarinic receptors. In animal studies, olanzapine shows a dose-dependent effect on the cardiovascular system, which corresponds to its affinity for α1-adrenergic receptors. In animal studies, olanzapine does not cause prolactin secretion, which corresponds to its low affinity for D2 receptors. In animal studies, olanzapine shows a pronounced effect on the dopamine and serotonin systems, which corresponds to its affinity for dopamine and serotonin receptors. In animal studies