

Vortioxetine



PLAY PICMONIC

Mechanism of Action

Inhibits Reuptake of Serotonin

Selective Silver-tonic Reuptake tube with Inhibiting-chains

Vortioxetine inhibits the reuptake of serotonin and is known as a selective serotonin reuptake inhibitor (SSRI). SSRIs are commonly used to treat depression by increasing the levels of serotonin within the brain. SSRIs inhibit serotonin transporter (also called Reuptake) within neurons. Vortioxetine has a high affinity to these serotonin transporters, and therefore increases serotonin in the central nervous system. Vortioxetine also acts as a 5-HT_{1A} receptor agonist and a 5-HT₃ receptor antagonist

Indication

Major Depressive Disorder

Depressed-emo

Vortioxetine is used for treating major depressive disorder (MDD), which is commonly known as depression. The core signs and symptoms of MDD include a loss of interest or pleasure in nearly all activities of everyday living.

Side Effects

Nausea

Nausea vomiting

Nausea can be described as experiencing discomfort in the stomach, usually followed by a desire to vomit. The symptoms of discomfort could include heaviness and tightness in the stomach. It could also be accompanied by a feeling of indigestion.

Sexual Dysfunction

Limp-weiner

Sexual dysfunction is a condition occurring when a patient suffers from a condition that hinders this individual from wanting or participating in sexual activity.

Anticholinergic Effects

Ant-tie-cola

The most common manifestations of anticholinergic effects include constipation, dry mouth, and urinary retention. Other symptoms include constipation, dilation of the pupils, blurred vision, a higher heart rate, and reduced sweating.

Sleep Disturbances

Disturbed while Sleeping

Vortioxetine can cause sleep disturbances such as insomnia or trouble sleeping.

Considerations

Serotonin Syndrome

Silver-tonic Savage

Serotonin disorder is a severe reaction that occurs in patients taking Vortioxetine. Serotonin syndrome is caused by drugs that increase serotonin levels inside the body. The signs and symptoms of serotonin syndrome include extreme body temperature, sweating, shivering, shaking, tremors, confusion, and other mental changes. If untreated, severe serotonin disorder can result in unconsciousness and death.