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# Vortioxetine Hydrobromide

National Cancer Institute

## Source

National Cancer Institute. *Vortioxetine Hydrobromide*. NCI Thesaurus. Code C125653.

A hydrobromide salt form of vortioxetine, a serotonin (5-HT) modulator and stimulator (SMS), with antidepressant activity. Vortioxetine inhibits the reuptake of serotonin and norepinephrine from the synaptic cleft and acts variably as a serotonin receptor agonist (5-HT<sub>1A</sub>), partial agonist (5-HT<sub>1B</sub>) or antagonist (5-HT<sub>3</sub>, 5-HT<sub>1D</sub> and 5-HT<sub>7</sub>). It is not clear how this agent's purported multimodal mechanism of action contributes to its antidepressant effect; however, it is presumed to increase the synaptic availability of serotonin and norepinephrine.