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# Haloperidol

National Cancer Institute

## Source

National Cancer Institute. *Haloperidol*. NCI Thesaurus. Code C537.

A phenylbutylpiperadine derivative with antipsychotic, neuroleptic, and antiemetic activities. Haloperidol competitively blocks postsynaptic dopamine (D2) receptors in the mesolimbic system of the brain, thereby eliminating dopamine neurotransmission and leading to antidelusory and antihallucinogenic effects. Antagonistic activity mediated through D2 dopamine receptors in the chemoreceptive trigger zone (CTZ) accounts for its antiemetic activity.