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# Chlordiazepoxide Hydrochloride/Clidinium Bromide

National Cancer Institute

## Source

National Cancer Institute. *Chlordiazepoxide Hydrochloride/Clidinium Bromide*. NCI Thesaurus. Code C87060.

A combination formulation containing the hydrochloride salt form of the benzodiazepine chlordiazepoxide and the bromide salt form of the quaternary ammonium antimuscarinic clidinium with anxiolytic, sedative and antispasmodic activities. Chlordiazepoxide binds to a specific benzodiazepine-binding site on the gamma-aminobutyric acid (GABA)-A receptor in the central nervous system (CNS). This leads to an increase in the opening of chloride channels, membrane hyperpolarization and increases the inhibitory effect of GABA on the CNS. Clidinium binds to and blocks muscarinic receptors in the gastrointestinal (GI) tract. This leads to a decrease in stomach secretions, GI motility and GI spasms.