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Buspirone Hydrochloride

National Cancer Institute

Source

National Cancer Institute. *Buspirone Hydrochloride*. NCI Thesaurus. Code C26641.

The hydrochloride salt of an anxiolytic agent chemically and pharmacologically unrelated to benzodiazepines, barbiturates, or other sedative/hypnotic drugs. Although its exact mechanism of action is unknown, buspirone may exert its anti-anxiety effects via serotonin (5-HT_{1A}) and dopamine receptors (D₂) and may indirectly affect other neurotransmitter systems. Unlike typical benzodiazepine anxiolytics, this agent does not exert anticonvulsant or muscle relaxant effects and lacks prominent sedative effects.