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# Buspirone

National Cancer Institute

## Source

National Cancer Institute. *Buspirone*. NCI Thesaurus. Code C62013.

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<sub>1A</sub>) and dopamine receptors (D<sub>2</sub>) 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.