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# Zaleplon

National Cancer Institute

## Source

National Cancer Institute. *Zaleplon*. NCI Thesaurus. Code C29551.

A nonbenzodiazepine from the pyrazolopyrimidine class with hypnotic, sedative, anxiolytic, and muscle relaxant properties. Zaleplon interacts with the gamma-aminobutyric acid (GABA) -A receptor, thereby affecting the chloride channel ionophore complex and potentiating the inhibitory effects of GABA. In addition, zaleplon binds selectively to the brain omega-1 receptor situated on the alpha subunit of the GABA-A/chloride ion channel receptor complex and potentiates t-butyl-bicyclophosphorothionate (TBPS) binding.