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# Estazolam

National Cancer Institute

## Source

National Cancer Institute. *Estazolam*. NCI Thesaurus. Code C47520.

A triazolo-benzodiazepine with anxiolytic, anticonvulsant, hypnotic, and muscle relaxant properties. Estazolam binds to the gamma-aminobutyric acid (GABA) receptor at a site distinct from the inhibitory neurotransmitter GABA binding site in the limbic system of the central nervous system (CNS). This binding leads to an opening of the chloride channels, which allows the flow of chloride ions into the neuron, hyperpolarizes the neuronal membrane, inhibits neuronal firing, and leads to a decrease in neuronal excitability.