

[Open Peer Review on Qeios](#)

Clobazam

National Cancer Institute

Source

National Cancer Institute. *Clobazam*. NCI Thesaurus. Code C81615.

A 1,5-benzodiazepine and partial gamma-aminobutyric acid (GABA) receptor agonist, with anxiolytic, sedative, and anticonvulsant activities. Clobazam binds to a specific site, distinct from the inhibitory neurotransmitter GABA binding site, on the benzodiazepine-GABA-A-chloride ionophore receptor complex located in the central nervous system (CNS). This binding causes an allosteric modification of the receptor and enhances the affinity of GABA to the receptor leading to an increase in the opening of chloride-channels. This leads to an increase in chloride ion conductance, neuronal hyperpolarization, inhibition of the action potential and a decrease in neuronal excitability.