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Ethosuximide

National Cancer Institute

Source

National Cancer Institute. *Ethosuximide*. NCI Thesaurus. Code C47523.

A succinimide with anticonvulsant activity. The exact mechanism of action is not entirely understood, but most likely ethosuximide exerts its effects by partial antagonism of T-type calcium channels of the thalamic neurons. This leads to a decrease in burst firing of thalamocortical neurons, which stabilizes the nerve activity in the brain and prevents seizures.