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Gamma-Aminobutyric Acid

National Cancer Institute

Source

National Cancer Institute. *Gamma-Aminobutyric Acid*. NCI Thesaurus. Code C80523.

A naturally occurring neurotransmitter with central nervous system (CNS) inhibitory activity. Gamma-aminobutyric acid (GABA), converted from the principal excitatory neurotransmitter glutamate in the brain, plays a role in regulating neuronal excitability by binding to its receptors, GABA-A and GABA-B, and thereby causing ion channel opening, hyperpolarization and eventually inhibition of neurotransmission.