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# Lidocaine

National Cancer Institute

## Source

National Cancer Institute. *Lidocaine*. NCI Thesaurus. Code C614.

A synthetic aminoethylamide with local anesthetic and antiarrhythmic properties.

Lidocaine stabilizes the neuronal membrane by binding to and inhibiting voltage-gated sodium channels, thereby inhibiting the ionic fluxes required for the initiation and conduction of impulses and effecting local anesthesia.