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# Mepivacaine

National Cancer Institute

## Source

National Cancer Institute. *Mepivacaine*. NCI Thesaurus. Code C61831.

An amide-type local anesthetic agent. At the injection site, mepivacaine binds to specific voltage-gated sodium ion channels in neuronal cell membranes, which inhibits both sodium influx and membrane depolarization. This leads to a blockage of nerve impulse initiation and conduction and results in a reversible loss of sensation. Compared to other local anesthetics, this agent has a more rapid onset and moderate duration of action.