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Prilocaine

National Cancer Institute

Source

National Cancer Institute. *Prilocaine*. NCI Thesaurus. Code C47685.

A toluidine derivative and intermediate-acting amino amide with local anesthetic property. Prilocaine stabilizes the neuronal membrane by preferential binding to and inhibiting depolarization of the voltage-gated sodium channel. This results in a decrease in membrane permeability and subsequent inhibition of the ionic sodium influx required for the initiation and conduction of impulses.