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Bupivacaine Hydrochloride

National Cancer Institute

Source

National Cancer Institute. *Bupivacaine Hydrochloride*. NCI Thesaurus. Code C28876.

A long-acting, amide-type local anesthetic. Bupivacaine reversibly binds to specific sodium ion channels in the neuronal membrane, resulting in a decrease in the voltage-dependent membrane permeability to sodium ions and membrane stabilization; inhibition of depolarization and nerve impulse conduction; and a reversible loss of sensation.