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Tetracaine

National Cancer Institute

Source

National Cancer Institute. *Tetracaine*. NCI Thesaurus. Code C66590.

A benzoate ester with anesthetic properties. Upon administration, tetracaine reversibly binds voltage-gated sodium ion channels in neuronal cell membranes and inhibits sodium influx. This prevents the initiation and conduction of nerve impulses, and stabilizes neuronal membranes. This results in a loss of sensation, and thereby provides analgesia and anesthesia.