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# Guanidine Hydrochloride

National Cancer Institute

## Source

National Cancer Institute. *Guanidine Hydrochloride*. NCI Thesaurus. Code C47551.

The hydrochloride salt form of guanidine, a strong basic compound with parasympathomimetic activity. Guanidine hydrochloride enhances the release of acetylcholine following a nerve impulse and potentiates acetylcholine actions on muscarinic and nicotinic receptors. It also appears to slow the rates of depolarization and repolarization of muscle cell membranes. (NCI05)