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# Amifampridine

National Cancer Institute

## Source

National Cancer Institute. *Amifampridine*. NCI Thesaurus. Code C82687.

An organic compound derived from pyridine with potassium channel inhibition activity. Amifampridine inhibits potassium channel efflux, increasing the duration of the action potential, which results in an increase in the duration of calcium channel opening and enhanced acetylcholine (ACh) release. Increased ACh availability at the motor end plate allows muscles to contract.