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# Ephedrine

National Cancer Institute

## Source

National Cancer Institute. *Ephedrine*. NCI Thesaurus. Code C472.

An alkaloid that is an hydroxylated form of phenethylamine and sympathomimetic amine, with potential bronchodilatory and anti-hypotensive activities. Following administration, ephedrine activates post-synaptic noradrenergic receptors. Activation of alpha-adrenergic receptors in the vasculature induces vasoconstriction, and activation of beta-adrenergic receptors in the lungs leads to bronchodilation.