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Epinephrine Bitartrate

National Cancer Institute

Source

National Cancer Institute. *Epinephrine Bitartrate*. NCI Thesaurus. Code C48021.

The bitartrate salt form of epinephrine, a direct-acting sympathomimetic amine with bronchodilator and vasoconstricting activity. Epinephrine bitartrate acts on both alpha and beta adrenergic receptors. By stimulating alpha adrenergic receptors locally, this agent causes vasoconstriction and reduces vascular blood flow. Administered in the conjunctiva, epinephrine bitartrate induces vasoconstriction and decreases the production of aqueous humor mediated through alpha-adrenergic receptors. Through its beta-stimulating actions, this agent relaxes bronchial smooth muscle and causes bronchodilation.