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Levonordefrin

National Cancer Institute

Source

National Cancer Institute. *Levonordefrin*. NCI Thesaurus. Code C47584.

The levoisomer of nordefrin, a synthetic catecholamine and norepinephrine derivative with sympathomimetic and antihypertensive effects. Levonordefrin's antihypertensive effect is exerted through activation of alpha 2-adrenergic receptors in the cardiovascular control center of the CNS thereby suppressing the sympathetic output from the brain and subsequently lowering blood pressure. Levonordefrin binds to and activates peripheral alpha 2- adrenergic receptors, thereby causing vasoconstriction.