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Levarterenol Bitartrate

National Cancer Institute

Source

National Cancer Institute. *Levarterenol Bitartrate*. NCI Thesaurus. Code C29152.

The bitartrate salt form of levarterenol, the levorotatory isomer of norepinephrine with a vasoconstrictor effect. Levarterenol binds to alpha and beta-1 receptor sites of sympathetic effector cells, thereby causing vasoconstriction of the radial smooth muscle of the arteries, arterioles, and veins and increasing myocardial contractility, heart rate, automaticity, and atrioventricular (AV) conduction, respectively. Stimulation of the beta-2 adrenergic receptors causes bronchiolar and vascular smooth muscle dilatation.