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# Isoxsuprine

National Cancer Institute

## Source

National Cancer Institute. *Isoxsuprine*. NCI Thesaurus. Code C61795.

A benzyl alcohol derivative with vasodilator activity. The mechanism of action of isoxsuprine hydrochloride is controversial, because isoxsuprine has beta-adrenergic activities that could not be offset by beta-adrenergic blockers. Although stimulation of the beta adrenergic receptor increases blood flow to produce vasodilatation, this agent may also have direct effects on the contractility of smooth muscle. Additionally, isoxsuprine causes relaxation of uterine smooth muscle and may also produce positive inotropic and chronotropic effects on the myocardium.