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Oxprenolol

National Cancer Institute

Source

National Cancer Institute. *Oxprenolol*. NCI Thesaurus. Code C66276.

A lipophilic, nonselective beta-adrenergic receptor antagonist with anti-arrhythmic, anti-anginal and antihypertensive activities. Oxprenolol competitively binds to and blocks beta-1 adrenergic receptors in the heart, thereby decreasing cardiac contractility and rate. This leads to a reduction in cardiac output and lowers blood pressure. In addition, oxprenolol prevents the release of renin, a hormone secreted by the kidneys that causes constriction of blood vessels.