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# Phenoxybenzamine

National Cancer Institute

## Source

National Cancer Institute. *Phenoxybenzamine*. NCI Thesaurus. Code C62065.

A synthetic, dibenzamine alpha adrenergic antagonist with antihypertensive and vasodilatory properties. Phenoxybenzamine non-selectively and irreversibly blocks the postsynaptic alpha-adrenergic receptor in smooth muscle, thereby preventing vasoconstriction, relieving vasospasms, and decreasing peripheral resistance. Reflex tachycardia may occur and may be enhanced by blockade of alpha-2 receptors which enhances norepinephrine release. Phenoxybenzamine is reasonably anticipated to be a human carcinogen.