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Etilefrine Pivalate

National Cancer Institute

Source

National Cancer Institute. *Etilefrine Pivalate*. NCI Thesaurus. Code C65577.

A prodrug of etilefrine, an adrenergic agonist with vasoconstrictive activity. Etilefrine pivalate is hydrolyzed to etilefrine, which binds to and activates alpha-1-adrenergic receptors of the arteriolar and venous vasculature. This causes smooth muscle contraction and leads to a decrease in venous pooling and increase in blood pressure. This agent may also stimulate beta-1 adrenergic receptors leading to positive chronotropic and inotropic effects.