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# Midodrine Hydrochloride

National Cancer Institute

## Source

National Cancer Institute. *Midodrine Hydrochloride*. NCI Thesaurus. Code C47620.

The hydrochloride salt form of midodrine, a direct-acting prodrug and sympathomimetic agent with antihypotensive properties. Midodrine is converted to its active metabolite, desglymidodrine by deglycation reaction. Desglymidodrine selectively binds to and activates alpha-1-adrenergic receptors of the arteriolar and venous vasculature. This causes smooth muscle contraction and leads to an elevation of blood pressure. Desglymidodrine diffuses poorly across the blood-brain barrier, and is therefore not associated with effects on the central nervous system.