

[Open Peer Review on Qeios](#)

Dobutamine Hydrochloride

National Cancer Institute

Source

National Cancer Institute. *Dobutamine Hydrochloride*. NCI Thesaurus. Code C28997.

The hydrochloride salt form of dobutamine, a synthetic catecholamine with direct inotropic activity. Dobutamine hydrochloride, mimics the effects of dopamine and stimulates beta-1 adrenergic receptors located in the myocardium. This leads to an increase in heart rate and force and results in an increase in cardiac output.