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# Oxtriphylline

National Cancer Institute

## Source

National Cancer Institute. *Oxtriphylline*. NCI Thesaurus. Code C47645.

The choline salt of theophylline with an anti-asthmatic property. Oxtriphylline appears to inhibit phosphodiesterase and prostaglandin production, regulates calcium flux and intracellular calcium distribution, and antagonizes adenosine. Physiologically, this agent causes relaxation of bronchial smooth muscle, produces vasodilation (except in cerebral vessels), stimulates cardiac muscle, as well as induces diuresis and gastric acid secretion. It may also suppress inflammation and improve contractility of the diaphragm.