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Flavoxate

National Cancer Institute

Source

National Cancer Institute. *Flavoxate*. NCI Thesaurus. Code C61765.

A synthetic parasympatholytic with antimuscarinic, muscle relaxant and urinary antispasmodic properties. Flavoxate binds and inhibits muscarinic receptors, thereby suppressing the micturition reflex and increases urinary bladder capacity by modifying the micturition center in the brain stem. In addition, this agent has been found to inhibit cyclic AMP formation in striatal membranes of the brain through stimulation of pertussis toxin-sensitive G protein-coupled receptors which in turn suppress isovolumetric urinary bladder contraction.