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# Dexbrompheniramine Maleate

National Cancer Institute

## Source

National Cancer Institute. *Dexbrompheniramine Maleate*. NCI Thesaurus. Code C61706.

The maleate salt form of dexbrompheniramine, an alkylamine derivative with anticholinergic and sedative properties. Dexbrompheniramine is a histamine H1-receptor antagonist that competes with histamine for the H1-receptor sites on effector cells in the gastrointestinal tract, blood vessels and respiratory tract. The antagonistic action of this agent blocks the activities of endogenous histamine, which subsequently leads to temporary relief from the negative histamine-mediated symptoms of allergic reaction such as bronchoconstriction, vasodilation, increased capillary permeability and spasmodic contractions of gastrointestinal smooth muscle.