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Dexbrompheniramine

National Cancer Institute

Source

National Cancer Institute. *Dexbrompheniramine*. NCI Thesaurus. Code C61705.

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.