

[Open Peer Review on Qeios](#)

Meclizine

National Cancer Institute

Source

National Cancer Institute. *Meclizine*. NCI Thesaurus. Code C61610.

A synthetic piperazine with anti-emetic, sedative and histamine H1 antagonistic properties. Meclizine blocks the H1 histamine receptor and prevents the symptoms that are caused by histamine activity on capillaries, bronchial and gastrointestinal smooth muscles, including vasodilation, increased capillary permeability, bronchoconstriction, and spasmodic contraction of gastrointestinal smooth muscles. Meclizine hydrochloride may exert its antiemetic effects by its anticholinergic actions or due to a direct effect on the medullary chemoreceptive trigger zone.