

[Open Peer Review on Qeios](#)

Tripelennamine Hydrochloride

National Cancer Institute

Source

National Cancer Institute. *Tripelennamine Hydrochloride*. NCI Thesaurus. Code C47774.

The hydrochloride salt form of tripelennamine, an ethylenediamine derivative with an antihistaminergic property. Tripelennamine hydrochloride competitively blocks central and peripheral histamine H1 receptors, thereby limiting histamine's effects, including bronchoconstriction, vasodilation, increased capillary permeability, and spasmodic contractions of gastrointestinal smooth muscle. In addition, this agent binds to muscarinic receptors, resulting in anticholinergic activity.