

[Open Peer Review on Qeios](#)

# Maprotiline Hydrochloride

National Cancer Institute

## Source

National Cancer Institute. *Maprotiline Hydrochloride*. NCI Thesaurus. Code C47594.

The hydrochloride salt form of maprotiline, a tetracyclic antidepressant closely related to the tricyclic antidepressants with adrenergic activity and sedative properties. Maprotiline hydrochloride exerts its effect by blocking the re-uptake of norepinephrine, thereby increasing the synaptic concentration of norepinephrine in the central nervous system and subsequently prolonging the action of norepinephrine on central receptors.