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# Doxycycline Hydrochloride

National Cancer Institute

## Source

National Cancer Institute. *Doxycycline Hydrochloride*. NCI Thesaurus. Code C29010.

The hydrochloride salt form of doxycycline exhibiting antimicrobial activity. Doxycycline blocks binding of aminoacyl-tRNA to the mRNA-ribosome complex, thereby inhibiting protein synthesis. In addition, this agent has exhibited inhibition of collagenase activity. (NCI)