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# Doxepin

National Cancer Institute

## Source

National Cancer Institute. *Doxepin*. NCI Thesaurus. Code C65475.

A dibenzoxepin derivative and tricyclic antidepressant (TCA) with antipruritic, antidepressive and anxiolytic activities. Doxepin blocks the reuptake of norepinephrine and serotonin (5-HT) into presynaptic terminals thereby prolonging the availability of the monoaminergic neurotransmitters within the synaptic cleft and enhancing their neurotransmission. Doxepin also has antagonistic effects on histamine H<sub>1</sub>, 5-HT<sub>2</sub>, alpha-1 adrenergic, and muscarinic receptors. The antipruritic effect of this agent is mediated through inhibition of histamine receptors.