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# Doxapram

National Cancer Institute

## Source

National Cancer Institute. *Doxapram*. NCI Thesaurus. Code C61736.

A respiratory stimulant with analeptic activity. Doxapram, independent of oxygen levels, directly stimulates the peripheral carotid chemoreceptors, possibly by inhibiting the potassium channels of type I cells within the carotid body, thereby stimulating catecholamines release. This results in the prevention or reversal of both narcotic- and CNS depressant-induced respiratory depression.