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# Dextromethorphan

National Cancer Institute

## Source

National Cancer Institute. *Dextromethorphan*. NCI Thesaurus. Code C62022.

A synthetic, methylated dextrorotary analogue of levorphanol, a substance related to codeine and a non-opioid derivate of morphine. Dextromethorphan exhibits antitussive activity and is devoid of analgesic or addictive property. This agent crosses the blood-brain-barrier and activates sigma opioid receptors on the cough center in the central nervous system, thereby suppressing the cough reflex.