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Dextromethorphan Hydrobromide

National Cancer Institute

Source

National Cancer Institute. *Dextromethorphan Hydrobromide*. NCI Thesaurus. Code C423.

The hydrobromide salt form of dextromethorphan, 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.