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# Dextromethorphan/Phenylephrine-containing Syrup

National Cancer Institute

## Source

National Cancer Institute. *Dextromethorphan/Phenylephrine-containing Syrup*. NCI Thesaurus. Code C29512.

A syrup-based formulation containing the antitussive dextromethorphan hydrobromide and the decongestant phenylephrine hydrochloride. Dextromethorphan exerts its antitussive activity by raising the threshold for coughing in the cough center.

Phenylephrine, a sympathomimetic agent, acts as a decongestant by inducing vasoconstriction mediated via alpha-adrenergic receptors. This reduces blood flow, decreases swelling and prevents nasal and sinus congestion.