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Retinoic Acid Agent

National Cancer Institute

Source

National Cancer Institute. *Retinoic Acid Agent*. NCI Thesaurus. Code C804.

A group of agents that includes retinol (Vitamin A) and related compounds with potential antineoplastic and/or chemopreventive activities. A retinoic acid agent binds to and/or activates specific nuclear retinoic acid receptors (RARs) and retinoid X receptors (RXRs), thereby modulating transcription of genes responsible for cell differentiation and proliferation. A retinoic acid agent may exhibit immunomodulatory and anti-inflammatory properties and may inhibit ornithine decarboxylase, resulting in a decrease in polyamine synthesis and keratinization. (NCI04)