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Retinyl Palmitate

National Cancer Institute

Source

National Cancer Institute. *Retinyl Palmitate*. NCI Thesaurus. Code C1217.

A naturally-occurring phenyl analogue of retinol (vitamin A) with potential antineoplastic and chemopreventive activities. As the most common form of vitamin A taken for dietary supplementation, retinyl palmitate binds to and activates retinoid receptors, thereby inducing cell differentiation and decreasing cell proliferation. This agent also inhibits carcinogen-induced neoplastic transformation, induces apoptosis in some cancer cell types, and exhibits immunomodulatory properties. (NCI04)