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Vitamin E Acetate

National Cancer Institute

Source

National Cancer Institute. *Vitamin E Acetate*. NCI Thesaurus. Code C2834.

The acetate ester of a fat-soluble vitamin with potent antioxidant properties. Considered essential for the stabilization of biological membranes (especially those with high amounts of polyunsaturated fatty acid), vitamin E is a generic name for a group of compounds known as tocopherols and tocotrienols (tocols). This agent is a potent peroxy radical scavenger and inhibits noncompetitively cyclooxygenase activity in many tissues, resulting in a decrease in prostaglandin production. Vitamin E also inhibits angiogenesis and tumor dormancy through suppressing vascular endothelial growth factor (VEGF) gene transcription. (NCI04)