



Product Information

Product ID V3278

CAS No. 58-95-7

Chemical Name

Synonym DL-alpha-tocopherol acetate

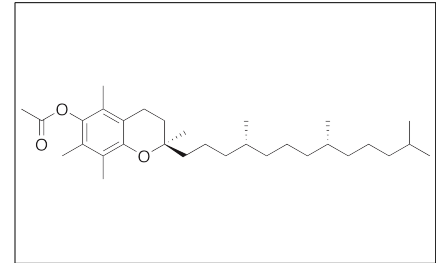
Formula $C_{31}H_{52}O_3$

Formula Wt. 472.74

Melting Point

Purity $\geq 98\%$

Solubility



Bulk quantities available upon request

Product ID	Size
V3278	25 g
V3278	100 g

Store Temp 4° C

Ship Temp Ambient

Description Vitamin E acetate is a derivative of vitamin E that exhibits neuroprotective, antioxidative, and anticancer chemopreventive activities. In animal models of sciatic nerve crush injury, vitamin E acetate improves motor nerve conduction velocity and suppresses the progression of thermal hyperalgesia. In other animal models, this compound inhibits vanadium-induced adrenocortical hypertrophy as well as perturbations in testicular lipid peroxidation and antioxidative enzyme activity. In animal models exposed to UV light, vitamin E acetate delays tumor formation and tumor yield, preventing skin carcinogenesis.

References Morani AS, Bodhankar SL. Early co-administration of vitamin E acetate and methylcobalamin improves thermal hyperalgesia and motor nerve conduction velocity following sciatic nerve crush injury in rats. *Pharmacol Rep.* 2010 Mar-Apr;62(2):405-9. PMID: 20508297.

Chandra AK, Ghosh R, Chatterjee A, et al. Amelioration of vanadium-induced testicular toxicity and adrenocortical hyperactivity by vitamin E acetate in rats. *Mol Cell Biochem.* 2007 Dec;306(1-2):189-200. PMID: 17668152.

Berton TR, Conti CJ, Mitchell DL, et al. The effect of vitamin E acetate on ultraviolet-induced mouse skin carcinogenesis. *Mol Carcinog.* 1998 Nov;23(3):175-84. PMID: 9833778.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.