

AakoVit E Acetate

Tocopheryl Acetate

Description

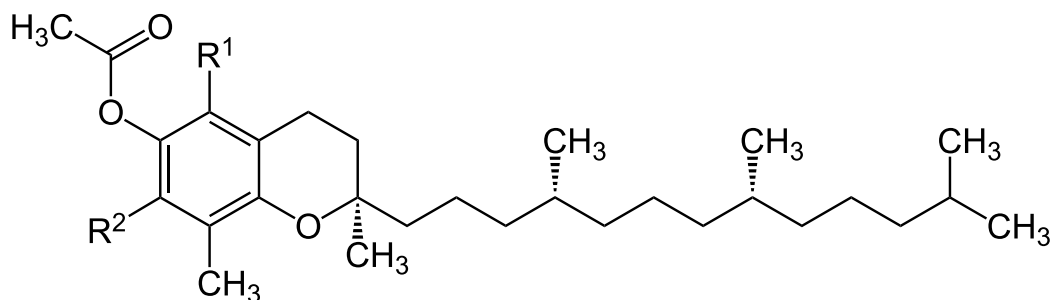
AakoVit E Acetate (Tocopheryl Acetate) is the more stable acetic acid ester of Tocopherol. Tocopheryl Acetate is absorbed easily by the skin, where it is cleaved enzymatically into Tocopherol.

Tocopherol is an in vivo antioxidant, scavenges free radicals induced by UV radiation. Tocopherol increases the moisture-retaining ability of the epidermis.

Tocopherol slows down the photooxidative processes of decomposition in hair pigment (melanin) and hair protein (keratin).

Ideal ingredient to add to sun screen and after sun formulations at 0.3 to 5 %.

▪ Chemical names	DL- α -Tocopheryl acetate <i>all rac</i> - α -Tocopheryl acetate
▪ INCI name	Tocopheryl Acetate
▪ CAS number	7695-91-2



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Typical properties

Appearance	clear, colorless to greenish-yellow, viscous oily liquid
Acidity	≤ 1.0 ml NaOH
Assay	96.5 – 102 %
Optical Rotation	$-0.01^{\circ} - + 0.01^{\circ}$

Storage:

Stored under dry conditions in tightly closed dry containers, protected from light store at room temperature (1°C to 30°C). Shelf life of at least 3 years under appropriate conditions of storage.

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