



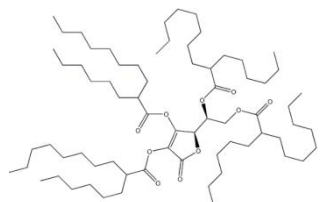
VC-IP

VC-IP is also named as Tetrahexyldecyl Ascorbate (Ascorbyl Tetraisopalmitate) , is a molecule derived from vitamin C and isopalmitic acid. Pure vitamin C has several drawbacks for cosmeceutical use, most important of which is the low stability. Chemically modified vitamin molecules are more stable, and pure vitamin is released from the derivatives inside the body. Therefore, the effects of Tetrahexyldecyl Ascorbate are similar to those of vitamin C, most importantly it is able to act as an antioxidant. Tetrahexyldecyl Ascorbate reduces the production of oxidizing agents, which contribute to cell damage after exposure to UV or chemical hazards. This effect is even stronger in the modified molecule than in pure vitamin C. Additionally, Tetrahexyldecyl Ascorbate protects against DNA damage and skin darkening caused by UV exposure. Finally, skin visual appearance is also improved by Tetrahexyldecyl Ascorbate, as it promotes collagen synthesis and acts as a hydrating agent in reducing skin roughness.

CAS:183476-82-6

MF:C70H128O10

Structure:



Specification:

Test Item	Test standard
Appearance	Colorless to light yellow liquid
Purity	≥ 95.0%
Refractive index(25°C)	1.459-1.465
Specific gravity	0.930-0.943 g/cm ³

Key benefits of Tetrahexyldecyl Ascorbate in skin care:

- 1.Sun damage protection and repair
- 2.Antioxidant
- 3.Moisturizing and hydration
- 4.Stimulate collagen production
- 5.Lightening & brightening
6. Treat hyperpigmentation

Shelf life: 2 years

Packing: 1kg/aluminum tin; 25kg/barrel.

Storage: Protect from humidity; keep in a dry, cool, and shady place.