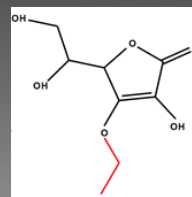
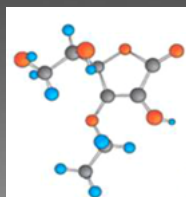


ARG-ENB-VCE Ethyl Ascorbic Acid is a stable derivative of Vitamin C. Its unique chemical structure provides for better skin penetration and efficacy as a skin brightening and anti-aging agent.

Because it is both lipophilic and hydrophilic, Ethyl Ascorbic Acid can dissolve both oil and water, ideal for numerous cosmetic applications.



Like vitamin C, ARG-ENB-VCE reduces melanin formation by inhibiting tyrosinase activity for a brighter, more even skin tone. Ethyl Ascorbic Acid is an excellent antioxidant, providing protection against harmful free radicals. In addition, it stimulates collagen production to reduce wrinkles and restore skin elasticity for a smoother, more youthful complexion.

- Low molecular weight
- Good water solubility
- Whitening
- Stimulates collagen synthesis
- Reduces copper ion of Tyrosinase
- Decreases the formation of melanocytes
- Resists degradation and discoloration
- Good penetration
- Excellent antiaging effect
- Superior stability

INCI Name:	Ethyl Ascorbic Acid
Other Names:	3-O-Ascorbyl Ether
CAS Number:	86404-04-8
Molecular Formula:	$C_8H_{12}O_6$
2001 :	Permitted as a whitening functional material from Korea FDA
2003 :	Permitted as a Quasi-drug from Japan FDA

PHYSICAL PROPERTIES

- | | |
|---------------------|--------------------------|
| ● Appearance | White Crystalline Powder |
| ● Assay | Min. 95.0% |
| ● Vitamin C Content | 86.3% |
| ● Loss on Drying | < 2.0% |
| ● Melting Point | 111-116°C |

FORMULATION GUIDELINES

- 0.5-2.0%
- Stable at pH 3.0~6.0

The information provided is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

February 12, 2019 rev