Nootkatone for flavor and fragrance
evenootkatone™
pure innovation for flavor and fragrance applications

sustainably produced with up to 98% purity
Why evenootkatone?
By producing nootkatone via fermentation, rather than extracting it from the skin of grapefruits, Evolva’s process allows nootkatone to be made in large amounts in a highly reproducible, contaminant free, sustainable and cost-effective manner.

The importance of nootkatone
Nootkatone is an ingredient that is found naturally in grapefruit and certain other plants. It is responsible for the characteristic scent of grapefruit. Until now, its use has been limited in Flavor and Fragrance applications by its high cost in use, limited supply and product quality.

Benefits of evenootkatone – more sustainable and cost-effective
- Traditional methods of producing nootkatone are inefficient. It takes thousands of kilograms of grapefruit to obtain a single kilogram of nootkatone.
- Evenootkatone is produced via fermentation, which is significantly more sustainable and cost effective

Our nootkatone – The solution for common supply chain problems
- **Availability**: no shortages created by weather conditions or crop cycles, predictable and reliable supply chain
- **Quality**: consistent quality with no batch-to-batch variations or seasonal differences
- **Cost-effective**: delivers the best value available in the market

A versatile ingredient
With very consistent purities and sensory profiles, the range of evenootkatone products are well suited for a broad array of products where a defined citrus, woody, grapefruit profile is required.

evenootkatone specifications
- Molecular Weight: 218.34 g/mol
- Appearance: Pale yellow to white solid
- CAS #: 4674-50-4
- Shelf life: 3 years

Product Range
**Nootkatone 98%**
Purity: >98%

**Nootkatone 85%**
Purity: >85%

Broad safety evaluations and regulatory approvals
- Approved food flavor
- Approved as a fragrance ingredient

Approved Flavor & Fragrance
- USA [21 CFR 172.515]; FEMA-GRAS 3166
- Europe (Regulation (EU) 872/2012; Council of Europe number: 11164)
- Worldwide (JECFA, No 1398)
- Approved as a fragrance ingredient (IFRA; Regulation (EC) 1223/2009)

Safety Data
- No sensitization observed in humans with high purity (>98%) nootkatone
- Non-carcinogenic (NTP, IARC, OSHA)
- Non-genotoxic (EFSA)
For more information

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About Evolva

Evolva is a Swiss biotech company focused on the research, development and commercialization of products based on nature. We have leading businesses in Flavors and Fragrances, Health Ingredients and Health Protection. Evolva’s employees, half of which are women, are dedicated to make the best products that can contribute to health, wellbeing and sensory enjoyment.

Find out more at www.evolva.com

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