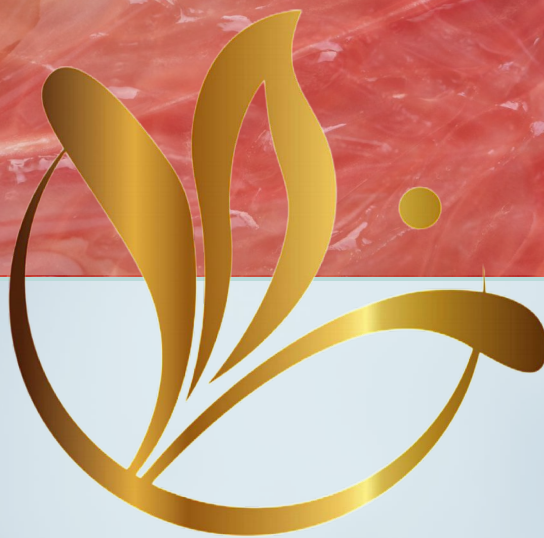


CAS:4674-50-4

Nootkatone

天然圆柚酮

Nootkatone from natural fermentation offers $\geq 98\%$ purity with authentic grapefruit and woody notes. Sustainable and eco-friendly, ideal for fragrances, flavors, and personal care seeking natural, clean-label ingredients.

ODOWELL

Nootkatone (Natural) Brochure

Product Name: Nootkatone

CAS Number: 4674-50-4

Purity: $\geq 98\%$

Molecular Formula: C₁₅H₂₂O

Appearance: Pale yellow crystalline solid or oil-like liquid

Odor: Rich grapefruit, citrus, and sweet peel aroma with woody undertones

Product Overview

Nootkatone is a high-value natural aroma compound derived via advanced microbial fermentation and semi-synthesis, ensuring a sustainable and cost-effective supply. With a pure and authentic grapefruit character, this ingredient delivers bright citrus freshness complemented by sweet, fruity peel and subtle woody notes. It serves as the signature grapefruit ketone widely used in flavor and fragrance industries.

Market Applications

Fine Fragrances: Enhances grapefruit, citrus, and tropical fruit accords with natural freshness and complexity.

Flavor Industry: Used in beverages and confectionery to impart authentic grapefruit and orange nuances (compliant with regulations).

Personal Care & Household: Adds a fresh, uplifting citrus character to shampoos, body washes, detergents, and air fresheners.

Tobacco & Others: Improves aroma profiles by increasing fragrance fullness and reducing harshness.

Recommended Usage Levels

Perfumes	0.01% - 0.1%
Personal Care	0.005% - 0.05%
Household Products	0.001% - 0.02%
Flavors	Subject to regulatory limits

Product Advantages

US Natural Fermentation: Produced via sustainable microbial biotransformation and semi-synthesis.

High Purity ($\geq 98\%$): Ensures consistent aroma quality and formulation stability.

Rich Citrus Profile: Provides intense grapefruit and citrus peel aromas with sweet and woody depth.

Versatile: Suitable for multiple industries including fine fragrance, food flavoring, personal and household care.

Technical Specifications

Purity	$\geq 98\%$
Solubility	Soluble in alcohol and oils; low water solubility
Stability	Stable under recommended storage conditions

Packaging and Storage

Packaging: 10ml sample available , 1kg per pack

Storage: Cool, dry place away from sunlight and heat

Shelf Life: Typically 2 years under proper storage