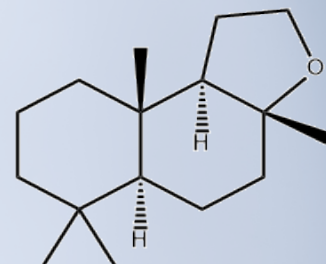




ODOWELL



CAS:6790-58-5

Ambroxane

降龙涎醚

Ambrox is an valuable ingredient used in perfumes

Ambroxane Product Brochure

Product Name: Ambroxane

Chemical Name: (3aR,5aS,9aS,9bR)-3a,6,6,9a-Tetramethyldodecahydronaphtho[2,1-b]furan

CAS Number: 6790-58-5

Molecular Formula: C₁₆H₂₈O

Appearance: White to pale yellow crystals or powder

Odor: Warm, amber-like, woody, with a unique ambergri character

Product Overview

Ambroxane is a synthetic fragrance compound that mimics the scent of natural ambergri. It is one of the most important fixatives in the modern fragrance and flavor industry, widely used in perfumes, cosmetics, and household products. Its warm, long-lasting aroma enhances the depth and longevity of fragrances.

Key Applications

1. Perfume Industry:

As a core ingredient in high-end perfumes, Ambroxane provides a warm, amber-like woody scent, often used in oriental, woody, and amber fragrances.

As a fixative, it extends the longevity of perfumes and enhances the stability and complexity of the scent.

Cosmetics and Personal Care Products:

Used in skincare products, body washes, and shampoos to deliver a long-lasting and pleasant fragrance experience.

Household and Cleaning Products:

Incorporated into laundry detergents, fabric softeners, and air fresheners to impart a warm and comforting aroma.

Tobacco Industry:

Used as an additive in tobacco flavorings to improve the aroma and enhance the smoking experience.

Recommended Usage Levels

The usage level of Ambroxane varies depending on the application and formulation requirements. Below are the recommended ranges:

Application	Recommended Usage
Perfumes	0.5% - 5%
Cosmetics	0.1% - 1%
Cleaning Products	0.05% - 0.5%
Tobacco Flavorings	0.01% - 0.1%

Note: Specific usage levels should be adjusted based on formulation design and regulatory requirements.

Product Advantages

Unique Aroma: Offers a warm, amber-like, and woody scent that enhances the complexity and luxury of fragrances.

Long-Lasting: As a fixative, it significantly extends the longevity of fragrances.

High Stability: Chemically stable, resistant to evaporation or degradation, and suitable for various formulations.

Eco-Friendly and Safe: Complies with International Fragrance Association (IFRA) standards, ensuring safety for humans and the environment.

Market Applications

High-End Perfumes: Ambroxane is a key ingredient in many renowned perfumes,

Personal Care Products: Used in premium body washes, shampoos, and skincare products to deliver a long-lasting fragrance experience.

Home Fragrances: Incorporated into candles, diffusers, and air fresheners to create a warm and cozy ambiance.

Technical Specifications

Purity: ≥99%

Melting Point: 74-76°C

Loss on drying: 0.08%

Solubility: Soluble in ethanol, propylene glycol, and other organic solvents; slightly soluble in water.

Packaging and Storage

Packaging: 25kg/drum

Storage: Store in a cool, dry place, sealed and protected from direct sunlight and high temperatures.

Shelf Life: 2 years