

trans-Verbenol

Cat. No. OPFM-001

Lot. No. (See product label)

Introduction

Description

Trans-verbenol is a volatile bicyclic monoterpene alcohol, a stereoisomer of cis-verbenol, naturally derived from α -pinene hydroxylation, serving as a key aggregation pheromone for mountain pine beetles. It has a fresh woody aroma and is a key intermediate in the field of spice and fragrance chemistry. It is mainly used in high-end fragrance formulations, aromatherapy products, and as a synthetic intermediate.

Applications

It used in forest pest monitoring/management

Synonyms

(1R,2S,5R)-4,6,6-Trimethyl-bicyclo[3.1.1]hept-3-en-2-ol,trans-(+)-2-Pinen-4-ol,[1R-(1 α ,2 α ,5 α)]-4,6,6-Trimethyl-Bicyclo[3.1.1]hept-3-en-2-ol,(1R)-trans-Verbenol,(1R,4S,5R)-(+)-trans-Verbenol,(R)-trans-Verbenol,R-(+)-trans-Verbenol

Product Information

CAS No. 473-67-6

Molecular Formula C₁₀H₁₆O

Molecular Weight 152.24

Purity 95%