

# ETHYL 2,4-DECADIENOATE

BRI #433

## Description:

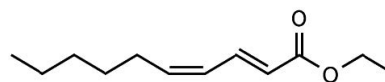
Juicy, green, waxy, Bartlett pear with subtle hints of melon and tropical fruits.

## Use:

Excellent for pear and apple applications. Also applicable in various tropical fruit flavors, such as pineapple and mango.

## FLAVOR INGREDIENT

**CAS Number:** 3025-30-7  
**FEMA Number:** 3148  
**FLAVIS Number:** Not Listed  
**GB Number:** S0482



## DETAILS

**Chemical Name:** 2,4-Decadienoic acid, ethyl ester, (2E,4Z)-  
**Suggested Use Level:** 1.00 – 10.00 PPM

**Molecular Weight:** 196.28  
**Molecular Formula:** C<sub>12</sub>H<sub>20</sub>O<sub>2</sub>

## SPECIFICATIONS

**Minimum Purity:** 98.0% (sum of isomers)  
• **Main Isomer:** 92.0% min. (e,z)  
• **Secondary Isomer:** 0.1% – 8.0% (isomers)  
**Appearance:** Colorless to slightly yellow liquid  
**Additives:** synthetic alpha tocopherol at 0.10%

## TECHNICAL

**Log P:** 4.400  
**Flash Point:** 243°F (CC)  
**Boiling Point:** 248.8°C (EPI 4.0)  
**Vapor Pressure:** 160.0 Pa OECD 104 at 21.1°C  
**Solubility:** 7.12 mg/l in water; soluble in alcohol @ 1%  
**Nature Identical:** Yes  
**Kosher:** Yes  
**Halal:** Yes