

ETHYL 2,4-DECADIENOATE

BRI #433

Description:

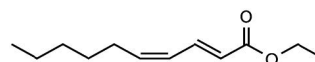
An enticing, green, characteristic odor of a Bartlett pear combined with tropical fruit nuances.

Use:

Imparts a juicy, ripe Bartlett pear note of distinction to fruity florals. Useful in pear, apple, mango, and fruity floral applications.

Fragrance 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: Traces - 2.00%
Tenacity on Blotter: >48 Hours

Molecular Weight: 196.28
Molecular Formula: C₁₂H₂₀O₂

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: Insoluble in water; soluble in alcohol at 1.0%
Nature Identical: Yes

STABILITY

pH	Base	Poor	Moderate	Good	Excellent
3	Fabric Softener			x	
3.5	Antiperspirant			x	
6	Shampoo			x	
7	Dish Detergent			x	
9	Liquid Detergent			x	
7	Soy Wax-Burn Performance				x