



CAS Number: 41654-15-3
FEMA Number: 4165
FLAVIS Number: 09.934
GB Number: S0941

APPLICATION

Taste Description: Exotic, musty, tropical note, characteristic pink guava, Creamy notes of mango.

Flavor Use: Excellent for mango, guava, the sweet part of durian, longan, grapefruit, melon, apple, banana, pineapple, and other tropical fruit flavors. Can also be used for creamy notes of coconut and sweet dairy flavors.

DETAILS

Molecular Weight: 156.22
Molecular Formula: C₉H₁₆O₂
Chemical Name: Methyl Cis-5-Octenoate
Suggested Use Level: 1.0 - 10.0 PPM

SPECIFICATIONS

Minimum Purity: 98.0% (sum of isomers)
• **Main Isomer:** 97.0%(cis)
• **Secondary Isomer:** 1.0%-2.9% (trans)
Appearance: Colorless liquid
Additives: Synthetic alpha to-copherol @ 0.10%

TECHNICAL

Log P: 3.105
Flash Point: 162°F (CC)
Boiling Point: 197.05°C (EPI 4.0)
Vapor Pressure: 0.28 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes
Kosher: Yes
Halal: Yes