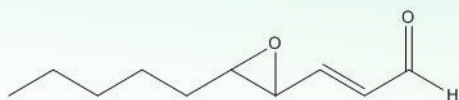




BEDOUKIAN

Flavor & Fragrance Ingredients Since 1972

4,5-Epoxy-(E)-2-DECENAL BRI #737



CAS Number: 188590-62-7
FEMA Number: 4037
FLAVIS Number: Not Approved
GB Number: S0860

APPLICATION

Taste Description: A powerful, green, metallic character with beany (soy) back notes.

Flavor Use: Adds a unique metallic note, associated with the blood notes of rare beef/steak, to a variety of savory products including broths, soups and plant-based meat alternatives, as well as in pet food, where odor is most important. Useful to add freshness to a variety of teas, especially green and matcha.

DETAILS

Molecular Weight: 168.24
Molecular Formula: C₁₀H₁₆O₂
Chemical Name: 4,5-Epoxy-(E)-2-Decenal
Suggested Use Level: 0.05 - 5.0 PPB

SPECIFICATIONS

Minimum Purity: 90.0% (trans isomer)
• **Main Isomer:** Not applicable
• **Secondary Isomer:** Not applicable
Appearance: Colorless to pale yellow liquid
Additives: Synthetic alpha tocopherol at 0.50%

TECHNICAL

Log P: 2.032
Flash Point: 244°F (CC)
Boiling Point: 243.08°C (EPI 4.0))
Vapor Pressure: 0.0251 mmHg at 20°C
Solubility: Insoluble in water; soluble in alcohol
Nature Identical: Yes
Kosher: Yes
Halal: Yes

NOTES
