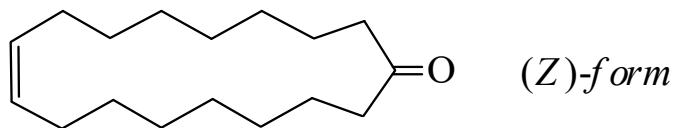




>>Entry Name: 9-Cycloheptadecen-1-one

ENTRY UNDER REVIEW

Synonym(s): Civetone



CAS Registry Number: 74244-64-7

Molecular Formula: C₁₇H₃₀O

Molecular Weight: 250.423

Accurate Mass: 250.229665

Percentage Composition: C 81.54%; H 12.07%; O 6.39%

>>Variant: (E)-form

CAS Registry Number: 1502-37-0

Molecular Formula: C₁₇H₃₀O

Molecular Weight: 250.423

Accurate Mass: 250.229665

Percentage Composition: C 81.54%; H 12.07%; O 6.39%

Melting Point: Mp 37.5-38.5°

>>Derivative: Semicarbazone

Melting Point: Mp 190-191°

>>Variant: (Z)-form

Synonym(s): FEMA 3425

CAS Registry Number: 542-46-1

Molecular Formula: C₁₇H₃₀O

Molecular Weight: 250.423

Accurate Mass: 250.229665

Percentage Composition: C 81.54%; H 12.07%; O 6.39%

Biological Source: Constit. of civet

Use/Importance: Used as fixative in perfumery industry. Flavouring ingredient

Physical Description: Cryst. with an obnoxious animal gland odour which can be pleasant at extreme dilutions

Melting Point: Mp 32.5°

Boiling Point: Bp₇₄₂ 342°. Bp₂ 158-160°

Hazard & Toxicity: Skin irritant

>>Derivative: Oxime

Molecular Formula: C₁₇H₃₁NO

Molecular Weight: 265.438

Accurate Mass: 265.240564

Percentage Composition: C 76.92%; H 11.77%; N 5.28%; O 6.03%

Melting Point: Mp 92°

>>Derivative: Semicarbazone

Melting Point: Mp 187°

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