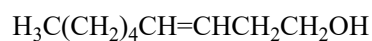




>>Entry Name: 3-Nonen-1-ol

ENTRY UNDER REVIEW



Molecular Formula: $\text{C}_9\text{H}_{18}\text{O}$

Molecular Weight: 142.241

Accurate Mass: 142.135765

Percentage Composition: C 76.00%; H 12.75%; O 11.25%

>>Variant: (E)-form

CAS Registry Number: 10339-61-4

Molecular Formula: $\text{C}_9\text{H}_{18}\text{O}$

Molecular Weight: 142.241

Accurate Mass: 142.135765

Percentage Composition: C 76.00%; H 12.75%; O 11.25%

Biological Source: Secretion of the terrestrial slater *Porcellio scaber*

Use/Importance: Sex attractant for melon flies

>>Variant: (Z)-form

CAS Registry Number: 10340-23-5

Molecular Formula: $\text{C}_9\text{H}_{18}\text{O}$

Molecular Weight: 142.241

Accurate Mass: 142.135765

Percentage Composition: C 76.00%; H 12.75%; O 11.25%

Biological Source: Secretion of *Porcellio scaber*. Also isol. from cucumber and watermelons. Pheromone for Mexican and Caribbean fruit flies (*Anastrepha ludens*, *Anastrepha suspensa*)

Boiling Point: Bp_2 75°

Aldrich: 28482-3

Sigma: N0137

References:

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Jacobson, M. *et al.*, *J. Med. Chem.*, 1971, **14**, 236

Kemp, T.R. *et al.*, *J. Agric. Food Chem.*, 1974, **22**, 717, (isol)

Hatanaka, A. *et al.*, *Phytochemistry*, 1975, **14**, 2589, (isol)

Kemp, T.R. *et al.*, *Phytochemistry*, 1975, **14**, 2637, (isol)

Kociński, P.J. *et al.*, *J.C.S. Perkin I*, 1992, 3419, (synth, ir, pmr)

Pommier, A. *et al.*, *J.O.C.*, 1995, **60**, 7334, (synth, pmr, cmr, ir)