



>>Entry Name: 3-Hepten-1-ol, 9CI

ENTRY UNDER REVIEW

CAS Registry Number: 10606-47-0

$\text{H}_3\text{C}(\text{CH}_2)_2\text{CH}=\text{CHCH}_2\text{CH}_2\text{OH}$

Molecular Formula: $\text{C}_7\text{H}_{14}\text{O}$

Molecular Weight: 114.187

Accurate Mass: 114.104465

Percentage Composition: C 73.63%; H 12.36%; O 14.01%

>>Variant: (E)-form

CAS Registry Number: 2108-05-6

Molecular Formula: $\text{C}_7\text{H}_{14}\text{O}$

Molecular Weight: 114.187

Accurate Mass: 114.104465

Percentage Composition: C 73.63%; H 12.36%; O 14.01%

Boiling Point: Bp 170-171°

>>Derivative: Diphenylurethane

Molecular Formula: $\text{C}_{20}\text{H}_{23}\text{NO}_2$

Molecular Weight: 309.407

Percentage Composition: C 77.64%; H 7.49%; N 4.53%; O 10.34%

Physical Description: Cryst. (petrol)

Melting Point: Mp 105°

>>Derivative: Ac

Synonym(s): FEMA 3493

CAS Registry Number: 1576-77-8

Molecular Formula: $\text{C}_9\text{H}_{16}\text{O}_2$

Molecular Weight: 156.224

Accurate Mass: 156.11503

Percentage Composition: C 69.19%; H 10.32%; O 20.48%

Physical Description: Liq.

Boiling Point: Bp₃ 55-57°

Density: d¹⁵ 1.43

Refractive Index: n_D²⁰ 1.4302

>>Derivative: 2-Methylpropanoyl

Synonym(s): FEMA 3494

CAS Registry Number: 57859-47-9

Molecular Formula: $\text{C}_{11}\text{H}_{20}\text{O}_2$

Molecular Weight: 184.278

Accurate Mass: 184.14633

Percentage Composition: C 71.70%; H 10.94%; O 17.36%

Physical Description: Liq.

Boiling Point: Bp₃ 85-90°

Density: d²⁵ 0.88

Refractive Index: n_D²⁰ 1.4296

>>Variant: (Z)-form

CAS Registry Number: 1708-81-2

Molecular Formula: $\text{C}_7\text{H}_{14}\text{O}$

Molecular Weight: 114.187

Accurate Mass: 114.104465

Percentage Composition: C 73.63%; H 12.36%; O 14.01%

Boiling Point: Bp₁₈ 80-82°