



>>Entry Name: 2-Heptene, 9CI

Synonym(s): 2-Heptylene

CAS Registry Number: 592-77-8

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

Molecular Formula: C_7H_{14}

Molecular Weight: 98.188

Accurate Mass: 98.10955

Percentage Composition: C 85.63%; H 14.37%

Hazard & Toxicity: Highly flammable, fl. p. $<-1^\circ$

>>Variant: (E)-form

CAS Registry Number: 14686-13-6

Molecular Formula: C_7H_{14}

Molecular Weight: 98.188

Accurate Mass: 98.10955

Percentage Composition: C 85.63%; H 14.37%

Boiling Point: Bp 98°

Refractive Index: n_D^{23} 1.4040

Aldrich: H341-0

Fluka: 51880

>>Variant: (Z)-form

CAS Registry Number: 6443-92-1

Molecular Formula: C_7H_{14}

Molecular Weight: 98.188

Accurate Mass: 98.10955

Percentage Composition: C 85.63%; H 14.37%

Boiling Point: Bp $98-99^\circ$

Refractive Index: n_D^{20} 1.4070

Aldrich: 26894-1

Sigma: H7012

References:

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Matteson, D.S. *et al.*, *J. Organomet. Chem.*, 1976, **110**, 25

Savoia, D. *et al.*, *J.C.S. Perkin I*, 1977, 123

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