>>**Entry Name: 1-Hexene,** 9CI
Synonym(s): Dialene 6

CAS Registry Number: 592-41-6
Extra CAS Registry Numbers(s): 25264-93-1
$H_3C(CH_2)_3CH=CH_2$

Molecular Formula: C_6H_{12}
Molecular Weight: 84.161
Accurate Mass: 84.0939
Percentage Composition: C 85.63%; H 14.37%
Melting Point: Fp –139°
Boiling Point: Bp 63.5°
Solubility: Insol. H_2O; sol. C_6H_6, Et_2O, EtOH
Density: d^{20} 0.673
Refractive Index: n_D^{20} 1.3837
Other Data: Vp 186 mmHg (25°). Undergoes Ziegler-Natta polym. Q/e values for copolym., Q 0.035, e +0.92
Hazard & Toxicity: Highly flammable fl. p. –26°, autoignition temp. 253°

Aldrich: 24076-1
Fluka: 52940
Sigma: H1139

References:

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