



>>Entry Name: 1-Iodo-1-hexene

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

Molecular Formula: $\text{C}_6\text{H}_{11}\text{I}$

Molecular Weight: 210.057

Accurate Mass: 209.990548

Percentage Composition: C 34.31%; H 5.28%; I 60.41%

>>Variant: (*E*)-form

CAS Registry Number: 16644-98-7

Molecular Formula: $\text{C}_6\text{H}_{11}\text{I}$

Molecular Weight: 210.057

Accurate Mass: 209.990548

Percentage Composition: C 34.31%; H 5.28%; I 60.41%

Physical Description: Liq.

Boiling Point: Bp₅ 85°. Bp₃ 50-52°

>>Variant: (*Z*)-form

CAS Registry Number: 16538-47-9

Molecular Formula: $\text{C}_6\text{H}_{11}\text{I}$

Molecular Weight: 210.057

Accurate Mass: 209.990548

Percentage Composition: C 34.31%; H 5.28%; I 60.41%

Other Data: No phys. props. reported

References:

Zweifel, G. *et al.*, *J.A.C.S.*, 1967, **89**, 2753, (*synth*)

Dieck, H.A. *et al.*, *J.O.C.*, 1975, **40**, 1083, (*synth*, *pmr*)

Ando, T. *et al.*, *Agric. Biol. Chem.*, 1982, **46**, 717, (*synth*)

Stille, J.K. *et al.*, *J.A.C.S.*, 1987, **109**, 2138, (*synth*, *pmr*, *cmr*, *ir*)

Bestmann, H.J. *et al.*, *Synthesis*, 1990, 1039, (*synth*, *pmr*)