



>>Entry Name: 3-Hexyn-2-one, 9CI

CAS Registry Number: 1679-36-3

$\text{H}_3\text{CCH}_2\text{C}\equiv\text{CCOCH}_3$

Molecular Formula: $\text{C}_6\text{H}_8\text{O}$

Molecular Weight: 96.129

Accurate Mass: 96.057515

Percentage Composition: C 74.97%; H 8.39%; O 16.64%

Boiling Point: Bp_{75} 77-78.5°

>>Derivative: 2,4-Dinitrophenylhydrazone

CAS Registry Number: 10523-94-1

Melting Point: Mp 143-144°

References:

Petrov, A.A. *et al.*, *CA*, 1955, **49**, 12285, (*synth*)

Hamed, O. *et al.*, *J.O.C.*, 1999, **64**, 7745-7750, (*synth*)