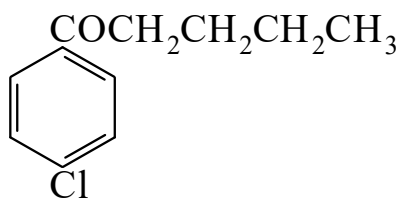




>>Entry Name: 1-(4-Chlorophenyl)-1-pentanone, 9Cl

Synonym(s): 4'-Chlorovalerophenone, 8Cl



CAS Registry Number: 25017-08-7

Molecular Formula: C₁₁H₁₃ClO

Molecular Weight: 196.676

Accurate Mass: 196.065492

Percentage Composition: C 67.18%; H 6.66%; Cl 18.03%; O 8.13%

Melting Point: Mp 33° (32-32.5°)

Boiling Point: Bp₁₂ 140°. Bp_{0.5} 100°

Rare Chemicals Library: S34465-6

Other: PB C20260

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Yellow-orange leaflets/plates

Melting Point: Mp 175-175.3°

References:

Nikolenko, L.N. *et al.*, *Zh. Obshch. Khim.*, 1960, **30**, 1028; *J. Gen. Chem. USSR (Engl. Transl.)*, 1960, **30**, 1042, (*synth*)

Friour, G. *et al.*, *Synthesis*, 1984, 37, (*synth, pmr*)