



>>Entry Name: 1,7-Dichloro-4-heptanone

CAS Registry Number: 40624-07-5

ClCH2CH2CH2COCH2CH2CH2Cl

Molecular Formula: $C_7H_{12}Cl_2O$

Molecular Weight: 183.077

Accurate Mass: 182.026519

Percentage Composition: C 45.92%; H 6.61%; Cl 38.73%; O 8.74%

Physical Description: Liq.

Boiling Point: Bp₄ 106-110°

Refractive Index: n_D²⁵ 1.4713

Other Data: Dec. on standing

Rare Chemicals Library: S36031-7

>>Derivative: 2,4-Dinitrophenylhydrazone

Melting Point: Mp 74-75°

References:

Hart, H. *et al.*, *J.A.C.S.*, 1956, **78**, 112, (*synth*)

Org. Synth., *Coll. Vol.*, 4, 1963, 278