



>>Entry Name: **8-Chloro-1-octanol**, 9Cl, 8Cl

CAS Registry Number: 23144-52-7

ClCH2(CH2)6CH2OH

Molecular Formula: C₈H₁₇ClO

Molecular Weight: 164.674

Accurate Mass: 164.096792

Percentage Composition: C 58.35%; H 10.40%; Cl 21.53%; O 9.72%

Boiling Point: Bp₁₁ 129-130°

Density: d 0.98

Refractive Index: n_D²⁰ 1.4580

>>**Derivative:** Phenylurethane

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 77°

>>**Derivative:** 3-Nitrophenylurethane

Melting Point: Mp 62°

References:

Bennett, G.M. *et al.*, *J.C.S.*, 1931, 1697, (*synth*)

Altman, R.F.A., *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1938, **57**, 951, (*synth*)

Kovalev, B.G. *et al.*, *Zh. Org. Khim.*, 1980, **16**, 2032, (*synth*)