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

**CAS Registry Number:** 23144-52-7

ClCH2(CH2)6CH2OH

**Molecular Formula:** C<sub>8</sub>H<sub>17</sub>ClO

**Molecular Weight:** 164.674

**Accurate Mass:** 164.096792

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

**Boiling Point:** Bp<sub>11</sub> 129-130°

**Density:** d 0.98

**Refractive Index:** n<sub>D</sub><sup>20</sup> 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*)