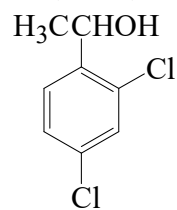




>>Entry Name: 1-(2,4-Dichlorophenyl)ethanol

Synonym(s): 2,4-Dichloro- α -methylbenzenemethanol, 9Cl. 2,4-Dichloro- α -methylbenzyl alcohol, 8Cl



CAS Registry Number: 1475-13-4

Related CAS Registry Numbers(s): 155690-55-4

Molecular Formula: $C_8H_8Cl_2O$

Molecular Weight: 191.056

Accurate Mass: 189.995219

Percentage Composition: C 50.29%; H 4.22%; Cl 37.11%; O 8.37%

>>Variant: ($\pm$)-form

Molecular Formula: $C_8H_8Cl_2O$

Molecular Weight: 191.056

Accurate Mass: 189.995219

Percentage Composition: C 50.29%; H 4.22%; Cl 37.11%; O 8.37%

Physical Description: Liq.

Boiling Point: Bp₂₀ 145°. Bp₇ 125-126°

Density: d 1.29

Refractive Index: n_D²⁰ 1.5600

>>Derivative: Ac

CAS Registry Number: 65426-62-2

Molecular Formula: $C_{10}H_{10}Cl_2O_2$

Molecular Weight: 233.093

Accurate Mass: 232.005784

Percentage Composition: C 51.53%; H 4.32%; Cl 30.42%; O 13.73%

Physical Description: Liq.

Melting Point: Mp 25°

Boiling Point: Bp_{0.9} 100°

References:

Evans, E.B. *et al.*, *J.C.S.*, 1927, 1159, (*synth*)

Marvel, C.S. *et al.*, *J.A.C.S.*, 1946, **68**, 861, (*synth*)

Org. Synth., *Coll. Vol.*, 3, 1955, 200, (*synth*)

Glyde, E. *et al.*, *J.C.S. Perkin 2*, 1977, 1541, (*synth*, *Ac*, *pmr*)