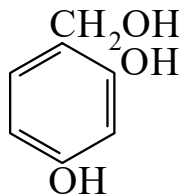




>>Entry Name: **2,4-Dihydroxybenzyl alcohol**, 8Cl

Synonym(s): 4-(Hydroxymethyl)-1,3-benzenediol, 9Cl. α ,2,4-Trihydroxytoluene



CAS Registry Number: 33617-59-3

Molecular Formula: $C_7H_8O_3$

Molecular Weight: 140.138

Accurate Mass: 140.047345

Percentage Composition: C 60.00%; H 5.75%; O 34.25%

Use/Importance: Precursor of phenolic resins

Physical Description: Cryst. (H_2O)

Melting Point: Mp 128-130°

>>Derivative: 2,4-Di-Me ether

Synonym(s): 2,4-Dimethoxybenzenemethanol, 9Cl. 2,4-Dimethoxybenzyl alcohol, 8Cl

CAS Registry Number: 7314-44-5

Molecular Formula: $C_9H_{12}O_3$

Molecular Weight: 168.192

Accurate Mass: 168.078645

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

Melting Point: Mp 38-40° (34-34.5°)

Boiling Point: Bp₁₀ 177-179°. Bp₂ 135°

Aldrich: 15963-8

>>Derivative: Dibenzyl ether

CAS Registry Number: 33617-58-2

Molecular Formula: $C_{21}H_{20}O_3$

Molecular Weight: 320.387

Accurate Mass: 320.141245

Percentage Composition: C 78.73%; H 6.29%; O 14.98%

Physical Description: Long needles

Melting Point: Mp 95-96°

References:

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **2**, 361C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1140B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1066B, (*ir*)

Aldrich Library of IR Spectra, **2**, 612c, (*ir*)

Aldrich Library of NMR Spectra, **5**, 14C, (*pmr*)

Prystas, M. *et al.*, *Coll. Czech. Chem. Comm.*, 1966, **31**, 1035, (*deriv*)

Reimann, E., *Annalen*, 1971, **750**, 109, (*synth*)

Gamet, D. *et al.*, *C. R. Hebd. Seances Acad. Sci. Ser. 2*, 1986, **303**, 285, (*synth*)