



>>Entry Name: **2,4-Dihydroxybenzylamine**

Synonym(s): 4-(Aminomethyl)-1,3-benzenediol, 9Cl

CAS Registry Number: 63452-56-2

Structure by analogy with 2,3-Dihydroxybenzylamine, [BJS93-J](#)

Molecular Formula: C₇H₉NO₂

Molecular Weight: 139.154

Accurate Mass: 139.063329

Percentage Composition: C 60.42%; H 6.52%; N 10.07%; O 23.00%

Melting Point: Mp 139-140°

>>Derivative: Di-Me ether

Synonym(s): 2,4-Dimethoxybenzenemethanamine, 9Cl. 2,4-Dimethoxybenzylamine

CAS Registry Number: 20781-20-8

Molecular Formula: C₉H₁₃NO₂

Molecular Weight: 167.207

Accurate Mass: 167.094629

Percentage Composition: C 64.65%; H 7.84%; N 8.38%; O 19.14%

Physical Description: Liq.

Boiling Point: Bp₁₅ 142-143°. Bp_{0.5} 92°

Aldrich: 43272-5

>>Derivative: Di-Me ether, hydrochloride

CAS Registry Number: 20781-21-9

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 188-190°

Aldrich: 17860-8

Sigma: D9384

References:

- Weygand, F. *et al.*, *Chem. Ber.*, 1968, **101**, 3623, (*deriv*)
Bach, E. *et al.*, *Acta Chem. Scand.*, 1971, **25**, 2629, (*deriv*)
Pietta, P.C. *et al.*, *J.O.C.*, 1971, **36**, 3966
Siddiqui, A.A. *et al.*, *Synth. Commun.*, 1977, **7**, 71, (*synth*)