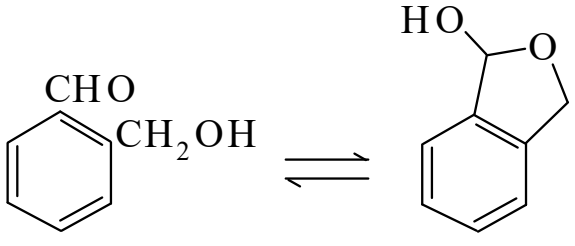
>>**Entry Name: 2-(Hydroxymethyl)benzaldehyde,** 9CI

Synonym(s): α-Hydroxy-*o*-tolualdehyde, 8CI. *o*-Formylbenzyl alcohol. 1,3-Dihydro-1-isobenzofuranol. 1-Hydroxy-1,3-dihydrobenzofuran



CAS Registry Number: 55479-94-2
Related CAS Registry Numbers(s): 81305-98-8

Molecular Formula: $C_8H_8O_2$
Molecular Weight: 136.15
Accurate Mass: 136.05243
Percentage Composition: C 70.58%; H 5.92%; O 23.50%

Physical Description: Cryst. (EtOAc/hexane)
Melting Point: Mp 35-38°
Boiling Point: $Bp_{0.6}$ 104-105°

>>**Derivative:** 2,4-Dinitrophenylhydrazone

Physical Description: Cryst. (EtOH)
Melting Point: Mp 207°

>>**Derivative:** Di-Me acetal
Synonym(s): 2-(Dimethoxymethyl)benzenemethanol, 9CI. 2-(Dimethoxymethyl)benzyl alcohol

CAS Registry Number: 87656-32-4
Molecular Formula: $C_{10}H_{14}O_3$
Molecular Weight: 182.219
Accurate Mass: 182.094295
Percentage Composition: C 65.92%; H 7.74%; O 26.34%
Use/Importance: Isobenzofuran precursor
Physical Description: Liq.
Boiling Point: $Bp_{1.25}$ 98-106°
Other Data: Can decompose when distilled

References:

Davey, W. *et al.*, *J.O.C.*, 1961, **26**, 3699
Smith, J.G. *et al.*, *J.O.C.*, 1983, **48**, 5361, *(deriv, synth, pmr, ir, use)*
Wulff, G. *et al.*, *Chem. Ber.*, 1986, **119**, 1876