>>**Entry Name: 2-Indanol,** 8CI
Synonym(s): 2,3-Dihydro-1*H*-inden-2-ol, 9CI. 2-Hydroxyindane

CAS Registry Number: 4254-29-9

Molecular Formula: $C_9H_{10}O$
Molecular Weight: 134.177
Accurate Mass: 134.073165
Percentage Composition: C 80.56%; H 7.51%; O 11.92%
Physical Description: Cryst. (petrol)
Melting Point: Mp 70°
Boiling Point: Bp_{12} 120-123°

Aldrich: 18035-1

>>**Derivative:** Ac

CAS Registry Number: 4254-31-3
Molecular Formula: $C_{11}H_{12}O_2$
Molecular Weight: 176.215
Accurate Mass: 176.08373
Percentage Composition: C 74.98%; H 6.86%; O 18.16%
Physical Description: Cryst. (petrol)
Melting Point: Mp 32°

>>**Derivative:** Benzoyl

CAS Registry Number: 71482-23-0
Molecular Formula: $C_{16}H_{14}O_2$
Molecular Weight: 238.285
Accurate Mass: 238.09938
Percentage Composition: C 80.65%; H 5.92%; O 13.43%
Physical Description: Prisms (EtOH)
Melting Point: Mp 63°

>>**Derivative:** Me ether
Synonym(s): 2-Methoxyindane

CAS Registry Number: 81887-53-8
Molecular Formula: $C_{10}H_{12}O$
Molecular Weight: 148.204
Accurate Mass: 148.088815
Percentage Composition: C 81.04%; H 8.16%; O 10.80%
Boiling Point: Bp_{11} 92°

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1158C, *(ir)*
Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 400A, *(nmr)*
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1081B, *(ir)*
Aldrich Library of IR Spectra, 2nd Ed., 617B, *(ir)*
Sadtler Standard C-13 NMR Spectra, 5895, *(cmr)*
Sadtler Standard Ultraviolet Spectra, 26373, *(uv)*
Suter, C.M. *et al.*, *J.A.C.S.*, 1943, **65**, 582, *(synth)*
Hückel, W. *et al.*, *Annalen*, 1961, **645**, 162, *(synth)*
Patrick, T.B. *et al.*, *J.A.C.S.*, 1973, **95**, 5192, *(pmr)*
Bowers, N.I. *et al.*, *J.C.S. Perkin 1*, 1999, 1453-1462, *(Me ether, Ac, synth, pmr, ms)*