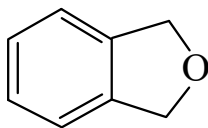




>>Entry Name: **1,3-Dihydroisobenzofuran**, 9CI

Synonym(s): Phthalan, 8CI. *o*-Xylylene oxide. 1,3-Dihydrobenzo[*c*]furan. Isocoumaran. 2-Oxaindane



CAS Registry Number: 496-14-0

Molecular Formula: C₈H₈O

Molecular Weight: 120.151

Accurate Mass: 120.057515

Percentage Composition: C 79.97%; H 6.71%; O 13.32%

Physical Description: Oil with odour of benzaldehyde

Boiling Point: Bp 192°. Bp₅₀ 105°

Density: d₄⁰ 1.098

Other Data: Steam-volatile

Aldrich: 17687-7

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 225C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1038A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 966A, (*ir*)

Ludwig, A. *et al.*, *Ber.*, 1907, **40**, 3060

Ratouis, R. *et al.*, *C. R. Hebd. Seances Acad. Sci.*, 1951, **233**, 1124

Barfield, M. *et al.*, *J.A.C.S.*, 1975, **97**, 5160, (*pmr*)

Adcock, W. *et al.*, *J.O.C.*, 1976, **41**, 1498, (*cmr*)

Alves, A.C.P., *J. Mol. Spectrosc.*, 1979, **77**, 124, (*uv*)