>>**Derivative:** 1-Naphthyl ether

CAS Registry Number: 87144-72-7
Extra CAS Registry Numbers(s): 2461-42-9
Molecular Formula: $C_{13}H_{12}O_2$
Molecular Weight: 200.237
Accurate Mass: 200.08373
Percentage Composition: C 77.98%; H 6.04%; O 15.98%
Physical Description: Liq.
Boiling Point: Bp_1 150-160°
Refractive Index: n_D^{24} 1.6112
UV: [neutral] λ_{max} 290 (ε 4700) (no solvent reported)

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 232B, *(ir)*
Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 370C; 372C, *(nmr)*
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 305A; 305B; 306A, *(ir)*
Rider, T.H. *et al.*, *J.A.C.S.*, 1930, **52**, 1521, *(synth)*
Grummit, O. *et al.*, *J.A.C.S.*, 1944, **66**, 1229, *(lauryl ether)*
Flores-Gallardo, H. *et al.*, *J.O.C.*, 1947, **12**, 831-833, *(butyl ether, synth)*
Ulbrich, V. *et al.*, *Coll. Czech. Chem. Comm.*, 1964, **29**, 1466-1475, *(ethers, synth)*
Gibb, T.B. *et al.*, *J. Chem. Eng. Data*, 1966, **11**, 266-267, *(ir, pmr, ethers)*
Sandler, R.S. *et al.*, *J. Polym. Sci., Part A-1*, 1966, **4**, 1253, *(polym)*
Novak, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1967, **32**, 3794-3799, *(butyl ether, synth)*
Pierre, J.L. *et al.*, *Bull. Soc. Chim. Fr.*, 1969, 2868, *(pmr)*
Lok, C.M. *et al.*, *Chem. Phys. Lipids*, 1976, **16**, 115, *(synth)*
Shapiro, M.J.*, J.O.C.*, 1977, **42**, 1434, *(cmr)*
Wyrick, S.D. *et al.*, *J. Med. Chem.*, 1978, **21**, 368-390, *(4-nitrophenyl ether, 4-methylphenyl ether)*
DiMenna, W.S. *et al.*, *J. Med. Chem.*, 1978, **21**, 1073-1076, *(4-chlorophenyl)*
Brown, R.M. *et al.*, *Org. Mass Spectrom.*, 1980, **15**, 578-581, *(ms, ethers)*
Garrido Espinasa, F. *et al.*, *An. Quim., Ser. C*, 1981, **77**, 22-27, *(ir, pmr, ether)*
Hirth, G. *et al.*, *Helv. Chim. Acta*, 1982, **65**, 1059-1084, *(octadecyl ether)*
Mouzin, G. *et al.*, *Synthesis*, 1983, 117-119, *(ethers)*
Vandenberg, E.J. *et al.*, *J. Polym. Sci., Polym. Chem. Ed.*, 1985, **23**, 915, *(anionic polym)*
Miyano, S. *et al.*, *J.O.C.*, 1985, **50**, 4350-4360, *(1-naphthyl ether)*
Gao, Y. *et al.*, *J.A.C.S.*, 1987, **109**, 5765, *(esters, synth, ir, pmr)*
Burgos, C.E. *et al.*, *J.O.C.*, 1987, **52**, 4973, *(S-form)*
Klunder, J.M. *et al.*, *J.O.C.*, 1989, **54**, 1295-1304, *(4-methylbenzenesulfonyl, 3-nitrobenzenesulfonyl)*
Takano, S. *et al.*, *Heterocycles*, 1990, **31**, 1555-1563; 1992, **34**, 173-180, *(4-methoxyphenyl ether, synth, pmr, resoln)*
Li, W.Y. *et al.*, *J. Chromatogr.*, 1990, **509**, 303-324, *(butyl ether, chiral glc)*
Morgan, T.K. *et al.*, *J. Med. Chem.*, 1990, **33**, 1087-1090; 1091-1097, *(4-nitrophenyl ether)*
Cimetiere, B. *et al.*, *Bull. Soc. Chim. Fr.*, 1991, 926-938, *(synth, pmr, cmr, rev, derivs)*
Bevinakatti, H.S. *et al.*, *J.O.C.*, 1991, **56**, 5372-5375, *(1-naphthyl ether)*
Fu, H. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1991, **110**, 167-170, *(butyl ether, synth, pmr)*
Marstokk, K.M. *et al.*, *Acta Chem. Scand.*, 1992, **46**, 432, *(ir, conformn)*
Takano, S. *et al.*, *Heterocycles*, 1992, **34**, 173-180, *(4-methoxyphenyl ether)*
Liu, Z.-Z. *et al.*, *Synth. Commun.*, 1994, **14**, 833-838, *(2-methylphenyl ether)*
Chemical Hazards of the Workplace, 2nd edn., (eds. Proctor, N.H. et al), J.B. Lippincott, 1988, 265
Bretherick, L.*, Handbook of Reactive Chemical Hazards, 4th edn., Butterworths*, 1990, 1154
Luxon, S.G.*, Hazards in the Chemical Laboratory, 5th edn., Royal Society of Chemistry*, 1992, 571
Lewis, R.J.*, Sax's Dangerous Properties of Industrial Materials, 8th edn., Van Nostrand Reinhold*, 1992, BRK750; IPD000; GGW500