



>>Entry Name: 4-Nitrodiphenyl ether

Synonym(s): 1-Nitro-4-phenoxybenzene, 9CI. *p*-Nitrophenyl phenyl ether, 8CI

CAS Registry Number: 620-88-2

Molecular Formula: C₁₂H₉NO₃

Molecular Weight: 215.208

Accurate Mass: 215.058244

Percentage Composition: C 66.97%; H 4.22%; N 6.51%; O 22.30%

Physical Description: Plates (MeOH or Et₂O)

Melting Point: Mp 61-61.5°

Boiling Point: Bp 320°. Bp₈ 188-190°

Aldrich: N2190-1

Fluka: 73310

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 779A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1385A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1219A, (*ir*)

Org. Synth., Coll. Vol., 2, 1943, 445

Bamkole, T.O. *et al.*, *J.C.S. Perkin 2*, 1973, 2114

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn.*, Van Nostrand Reinhold, 1992, NIU000