



>>Entry Name: 4,4'-Dibromodiphenyl ether

Synonym(s): 1,1'-Oxybis(4-bromobenzene), 9Cl. Bis(*p*-bromophenyl) ether, 8Cl. Di-4-bromophenyl ether

CAS Registry Number: 2050-47-7

Molecular Formula: C₁₂H₈Br₂O

Molecular Weight: 328.003

Accurate Mass: 325.934187

Percentage Composition: C 43.94%; H 2.46%; Br 48.72%; O 4.88%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 58.5° (54°)

Boiling Point: Bp 338-340°

Aldrich: 11727-7

Rare Chemicals Library: S42896-5

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 213B, (*nmr*)

Aldrich Library of Infrared Spectra, 3rd edn., 1981, 635C, (*ir*)

Smith, G.W., *J. Mol. Spectrosc.*, 1964, **12**, 146, (*pmr*)

Bakhvalov, O.V. *et al.*, *Zh. Org. Khim.*, 1969, **5**, 331; *CA*, **70**, 106118

Nilsson, C.A. *et al.*, *Chemosphere*, 1977, **6**, 599, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, BHJ000