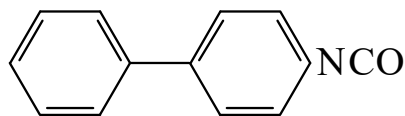




>>Entry Name: 4-Isocyanato-1,1'-biphenyl, 9CI

Synonym(s): 4-Biphenyl isocyanate. *p*-Xenyl isocyanate



CAS Registry Number: 92-95-5

Molecular Formula: C₁₃H₉NO

Molecular Weight: 195.22

Accurate Mass: 195.068414

Percentage Composition: C 79.98%; H 4.65%; N 7.17%; O 8.20%

Use/Importance: Reagent for the identification of alcohols and phenols

Physical Description: Cryst. (petrol)

Melting Point: Mp 56°

Boiling Point: Bp 283° dec.

Rare Chemicals Library: S29136-6

References:

Morgan, G.T. *et al.*, *J.C.S.*, 1931, 1124-1126, (*synth, use*)

Van Gelderen, M.J. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1933, **52**, 969-975, (*synth*)

Hardy, D.V.N., *J.C.S.*, 1934, 2011, (*synth*)

Battersby, A.R. *et al.*, *J.C.S. Perkin I*, 1979, 2550-2558, (*synth, ir*)