



>>Entry Name: 4,4'-Biphenyldiboronic acid

Synonym(s): [1,1'-Biphenyl]-4,4'-diylbisboronic acid. 4,4'-Bis(dihydroxyboryl)biphenyl

CAS Registry Number: 4151-80-8

Molecular Formula: $C_{12}H_{12}B_2O_4$

Molecular Weight: 241.846

Accurate Mass: 242.09217

Percentage Composition: C 59.60%; H 5.00%; B 8.94%; O 26.46%

Physical Description: Finely divided solid

Solubility: Insol. H_2O

Other Data: Mp $>350^\circ$ (dec.)

Aldrich: 45679-9

References:

U.S. Pat., 1965, 3 203 908; *CA*, **63**, 18150h, (*synth*)

Coutts, I.G.C. *et al.*, *J.C.S.(C)*, 1970, 488, (*synth*)

Suenaga, H. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1996, **115**, 44-48, (*synth, ir, pmr*)