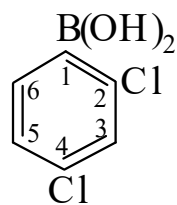




>>Entry Name: (2,4-Dichlorophenyl)dihydroxyborane

Synonym(s): (2,4-Dichlorophenyl)boronic acid, 12Cl. 2,4-Dichlorobenzeneboronic acid



CAS Registry Number: 68716-47-2

Molecular Formula: C₆H₅BCl₂O₂

Molecular Weight: 190.821

Accurate Mass: 189.975964

Percentage Composition: C 37.77%; H 2.64%; B 5.67%; Cl 37.16%; O 16.77%

Use/Importance: Commercially available. Used as derivatisation reagent in gc of diols, hydroxyamines, hydroxyacids

Physical Description: Cryst. (toluene)

Melting Point: Mp 242-245°

References:

Poole, C.F. *et al.*, *J. Chromatogr.*, 1978, **158**, 33; 1979, **186**, 307, (*use, synth, props*)

Poole, C.F. *et al.*, *Analyst (London)*, 1979, **104**, 82, (*props*)

Singhawangcha, S. *et al.*, *HRC & CC, J. High Resolut. Chromatogr. Chromatogr. Commun.*, 1979, **2**, 77, (*props, use*)

Clough, J.M. *et al.*, *Synlett*, 1990, 761, (*reactions*)