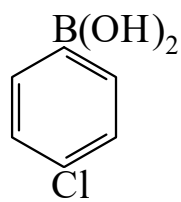




>>Entry Name: (4-Chlorophenyl)dihydroxyborane

Synonym(s): (4-Chlorophenyl)boronic acid, 12Cl, 9Cl. *p*-Chlorobenzeneboronic acid, 8Cl



CAS Registry Number: 1679-18-1

Molecular Formula: C₆H₆BClO₂

Molecular Weight: 156.376

Accurate Mass: 156.014937

Percentage Composition: C 46.09%; H 3.87%; B 6.91%; Cl 22.67%; O 20.46%

Use/Importance: Used as sterilant for insect control. Has antispasmodic props. Sludge inhibitor for fuels. Used for penetration of brain tumours

Physical Description: Solid

Aldrich: 41754-8

References:

Soloway, A.H., *Science (Washington, D.C.)*, 1958, **128**, 1572, (*use*)

Ploquin, J., *Bull. Trav. Soc. Pharm. Bordeaux*, 1962, **101**, 229, (*struct*)

Beachell, H.C. *et al.*, *Inorg. Chem.*, 1964, **3**, 1028, (*synth, nmr*)

Gout, R. *et al.*, *Bull. Trav. Soc. Pharm. Lyon*, 1965, **9**, 236, (*tox*)

Breuer, S.W. *et al.*, *Tet. Lett.*, 1974, 3719, (*synth*)

Thorpe, F.G. *et al.*, *J. Organomet. Chem.*, 1978, **145**, C26