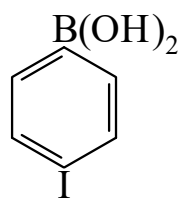




>>Entry Name: Dihydroxy(4-iodophenyl)borane

Synonym(s): (4-Iodophenyl)boronic acid, 9CI. *p*-Iodobenzeneboronic acid



CAS Registry Number: 5122-99-6

Molecular Formula: C₆H₆BIO₂

Molecular Weight: 247.828

Accurate Mass: 247.950558

Percentage Composition: C 29.08%; H 2.44%; B 4.36%; I 51.21%; O 12.91%

Source/Synthesis: Synth. from 1,4-I₂C₆H₄ + Triiodoborane [HSL04-Z](#), followed by hydrol.

Physical Description: Cryst.

Melting Point: Mp 286°

Aldrich: 47193-3

References:

Bowie, R.A. *et al.*, *J.C.S.(C)*, 1966, 566, (*synth*)

Malan, C. *et al.*, *Synlett*, 1996, 167, (*synth*)