



>>Entry Name: (3,5-Dichlorophenyl)dihydroxyborane

Synonym(s): (3,5-Dichlorophenyl)boronic acid, 12Cl. 3,5-Dichlorobenzeneboronic acid

CAS Registry Number: 67492-50-6

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: Used as derivatisation reagent in gc detn. of diols, hydroxyamines and hydroxyacids

Physical Description: Cryst. (toluene)

Melting Point: Mp 310-315°

Aldrich: 44520-7

References:

Poole, C.F. *et al.*, *Chromatographia*, 1978, **11**, 347, (*use*)

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