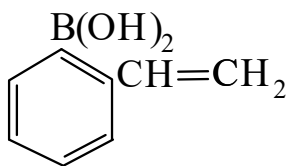




>>Entry Name: (2-Ethenylphenyl)dihydroxyborane

Synonym(s): (2-Ethenylphenyl)boronic acid, 10Cl. *o*-Vinylbenzeneboronic acid. *o*-Styrylboronic acid. *o*-Vinylphenylboronic acid



CAS Registry Number: 15016-42-9

Molecular Formula: C₈H₉BO₂

Molecular Weight: 147.969

Accurate Mass: 148.06956

Percentage Composition: C 64.94%; H 6.13%; B 7.31%; O 21.63%

Use/Importance: Useful as binder for paper, glass, wood and rubber

Physical Description: White plates (H₂O)

Melting Point: Mp 111-112° (108-109°)

References:

Letsinger, R.L. *et al.*, *J.O.C.*, 1961, **26**, 1271, (*synth, ir*)

Wesley, J.D. *et al.*, *J.O.C.*, 1962, **27**, 2598, (*ir, synth, props*)

U.S. Pat., 1962, 3 025 274; *CA*, **57**, 6143b, (*use*)

Ger. Pat., 1963, 1 147 230; *CA*, **59**, 10117e, (*use, synth*)

Armstrong, D.R. *et al.*, *J.C.S.(A)*, 1967, 123, (*struct, uv, props*)