



>>Entry Name: Dihydroxy(2-phenylethyl)borane

Synonym(s): (2-Phenylethyl)boronic acid, 12Cl. (2-Phenylethane)boronic acid, 8Cl

CAS Registry Number: 34420-17-2

PhCH2CH2B(OH)2

Molecular Formula: $C_8H_{11}BO_2$

Molecular Weight: 149.985

Accurate Mass: 150.08521

Percentage Composition: C 64.07%; H 7.39%; B 7.21%; O 21.33%

Use/Importance: Enzyme inhibitor

Solubility: Sol. CHCl3

Hazard & Toxicity: Toxic

References:

Ger. Pat., 1958, 1 111 181; *CA*, **56**, 8742i, (*synth*)

Koehler, K.A. *et al.*, *Biochemistry*, 1974, **13**, 5345, (*use*)

Byers, L.D., *Bioorg. Chem.*, 1978, **7**, 15, (*use*)

Rotonova, T.V., *Bioorg. Khim.*, 1978, **4**, 694, (*use*)