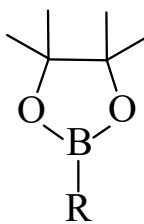




>>Entry Name: 2-Ethenyl-4,4,5,5-tetramethyl-1,3,2-dioxaborolane, 12Cl

Synonym(s): 4,4,5,5-Tetramethyl-2-vinyl-1,3,2-dioxaborolane. Etheneboronic acid cyclic tetramethylethylene ester. Pinacol vinylboronate



CAS Registry Number: 75927-49-0

Molecular Formula: $\text{C}_8\text{H}_{15}\text{BO}_2$

Molecular Weight: 154.016

Accurate Mass: 154.11651

Percentage Composition: C 62.39%; H 9.82%; B 7.02%; O 20.78%

Use/Importance: Synthetic reagent

Physical Description: Air- and moisture-sensitive liq.

Boiling Point: Bp₇ 34-35°

Aldrich: 41716-5

References:

Matteson, D.S. *et al.*, *J.A.C.S.*, 1980, **102**, 7588, (*synth, props*)

Matteson, D.S. *et al.*, *Organometallics*, 1983, **2**, 1529, (*synth, props, nmr*)

Fontani, P. *et al.*, *Tet. Lett.*, 1989, **30**, 4815, (*use*)