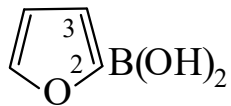




>>Entry Name: 2-Furanyldihydroxyborane

Synonym(s): (2-Furanyl)boronic acid, 12Cl, 9Cl. 2-Furanboronic acid. 2-Furyldihydroxyborane



CAS Registry Number: 13331-23-2

Molecular Formula: C₄H₅BO₃

Molecular Weight: 111.893

Accurate Mass: 112.033175

Percentage Composition: C 42.94%; H 4.50%; B 9.66%; O 42.90%

Use/Importance: Sludge inhibitor for fuels

Physical Description: Cryst. (H₂O)

Melting Point: Mp 110 dec.°

Aldrich: 46491-0

References:

U.K. Pat., 1966, 1 031 533; *CA*, **65**, 10404a

Breuer, S.W. *et al.*, *Tet. Lett.*, 1974, 3719

Roques, B.P. *et al.*, *J. Het. Chem.*, 1975, **12**, 195

Florentin, D. *et al.*, *Bull. Soc. Chim. Fr.*, 1976, 1999, (*synth*)

Florentin, D. *et al.*, *J. Het. Chem.*, 1976, **13**, 1265