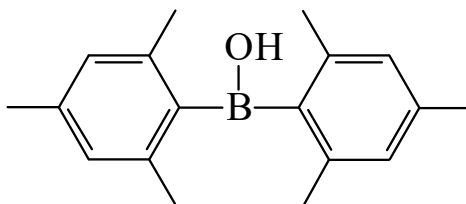




>>Entry Name: Hydroxybis(2,4,6-trimethylphenyl)borane

Synonym(s): Bis(2,4,6-trimethylphenyl)borinic acid, 12Cl, 9Cl. Dimesitylborinic acid, 8Cl. Hydroxydimesitylborane



CAS Registry Number: 20631-84-9

Molecular Formula: C₁₈H₂₃BO

Molecular Weight: 266.19

Accurate Mass: 266.184195

Percentage Composition: C 81.22%; H 8.71%; B 4.06%; O 6.01%

Physical Description: Air-stable white cryst. (petrol)

Melting Point: Mp 140-141°

References:

Brown, H.C. *et al.*, *J.A.C.S.*, 1957, **79**, 2302, (*synth*)

Lapkin, I.I. *et al.*, *Zh. Obshch. Khim.*, 1962, **32**, 1967, (*synth*)

Lapkin, I.I. *et al.*, *CA*, 1968, **69**, 47731d; 47839v, (*ir, uv*)

Brown, N.M.D. *et al.*, *J. Organomet. Chem.*, 1980, **193**, 271, (*cmr, nmr*)

Weese, K.J. *et al.*, *Inorg. Chem.*, 1987, **26**, 2409, (*cryst struct*)