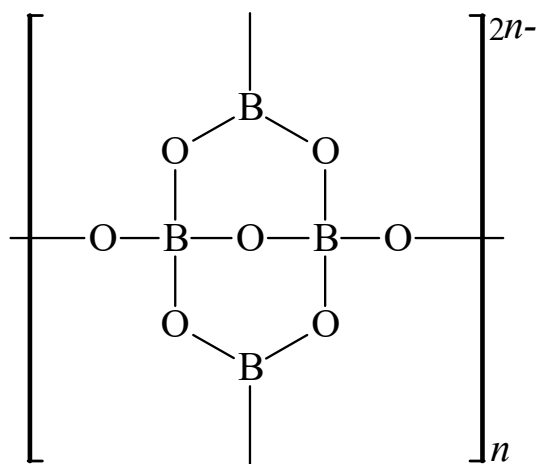




>>Entry Name: Tetraborate(2-), 10Cl, 9Cl, 8Cl



CAS Registry Number: 12258-53-6

Molecular Formula: $B_4O_7^{2(-)}$

Molecular Weight: 155.24

Accurate Mass: 156.001625

Percentage Composition: B 27.86%; O 72.14%

>>Derivative: Di-Li salt

>>Derivative: Sr salt

CAS Registry Number: 12007-66-8

Molecular Formula: B_4O_7Sr

Molecular Weight: 242.86

Accurate Mass: 243.907244

Percentage Composition: B 17.81%; O 46.12%; Sr 36.08%

Physical Description: Colourless cryst. + $4H_2O$

>>Derivative: Di- NH_4 salt

Synonym(s): Ammonium tetraborate. Ammonium metaborate

CAS Registry Number: 12228-87-4

Extra CAS Registry Numbers(s): 12007-58-8

Molecular Formula: $B_4H_8N_2O_7$

Molecular Weight: 191.316

Accurate Mass: 192.070373

Percentage Composition: B 22.60%; H 4.21%; N 14.64%; O 58.54%

Physical Description: Tetragonal cryst. + $4H_2O$

Solubility: V. sol. H_2O ; sol. HNO_3

Other Data: CAS no. refers to hydrate

Aldrich: 30909-5

Sigma: A4380

References:

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