



>>Entry Name: (4-Formylphenyl)boronic acid

Synonym(s): *p*-Formylbenzeneboronic acid. (4-Formylphenyl)dihydroxyborane

CAS Registry Number: 87199-17-5

Structure by analogy with (2-Formylphenyl)dihydroxyborane, [NKN92-S](#)

Molecular Formula: C₇H₇BO₃

Molecular Weight: 149.941

Accurate Mass: 150.048825

Percentage Composition: C 56.07%; H 4.71%; B 7.21%; O 32.01%

Physical Description: Pale yellow needles (H₂O or MeCN)

Melting Point: Mp 255-260°

Aldrich: 43196-6

References:

Torssell, K., *Ark. Kemi*, 1957, **10**, 507, (*synth*)

Snyder, H.R. *et al.*, *J.A.C.S.*, 1958, **80**, 835, (*synth*)

Feulner, H. *et al.*, *Chem. Ber.*, 1990, **123**, 1841, (*synth, ir, cryst struct*)

Jendralla, H. *et al.*, *Annalen*, 1995, 1253, (*synth, ms*)

Park, K.C. *et al.*, *Synthesis*, 1999, 2041-2044, (*synth, ir, pmr, cmr, B-11 nmr*)