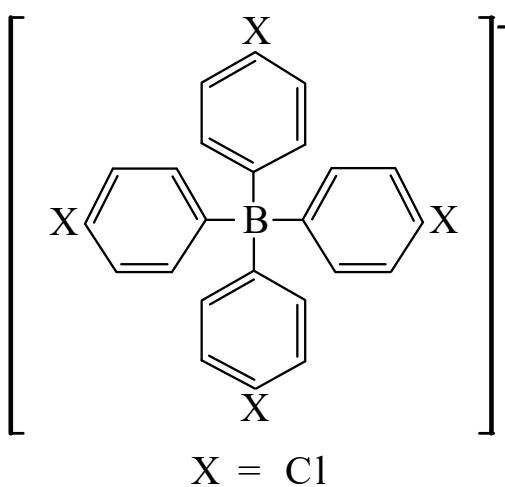




>>Entry Name: Tetrakis(4-chlorophenyl)borate(1-), 10Cl, 9Cl



CAS Registry Number: 47603-77-0

Molecular Formula: $C_{24}H_{16}BCl_4^{(-)}$

Molecular Weight: 457.012

Accurate Mass: 455.009913

Percentage Composition: C 63.08%; H 3.53%; B 2.37%; Cl 31.03%

>>Derivative: K salt

CAS Registry Number: 14680-77-4

Molecular Formula: $C_{24}H_{16}BCl_4K$

Molecular Weight: 496.11

Accurate Mass: 493.97362

Percentage Composition: C 58.10%; H 3.25%; B 2.18%; Cl 28.58%; K 7.88%

Use/Importance: Used in ion-selective liq. membrane electrodes

Aldrich: 36525-4

Fluka: 60591

Sigma: C2672

References:

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **3**, 732B, (nmr)

Vandeberg, J.T. *et al.*, *Spectrochim. Acta A*, 1971, **27**, 501, (ir)

Davies, J.E.W. *et al.*, *Lab. Pract.*, 1973, **22**, 20; *CA*, **78**, 66226v, (use)

Vandeberg, J.T. *et al.*, *Org. Magn. Reson.*, 1973, **5**, 57, (nmr)

Ammann, D. *et al.*, *CA*, 1980, **93**, 21884b, (use)

Petránek, J. *et al.*, *Anal. Chim. Acta*, 1981, **128**, 129