



>>Entry Name: Rubidium tetraphenylborate(1-), 10Cl, 9Cl, 8Cl

CAS Registry Number: 5971-93-7

$\text{Rb}^{(+)}\text{BPh}_4^{(-)}$

Molecular Formula: $\text{C}_{24}\text{H}_{20}\text{BRb}$

Molecular Weight: 404.701

Accurate Mass: 404.077599

Percentage Composition: C 71.23%; H 4.98%; B 2.67%; Rb 21.12%

Use/Importance: Catalyst for polyester resin manuf.; electrolyte

Physical Description: Tetragonal cryst.

Solubility: V. spar. sol. H_2O

Aldrich: 34567-9

References:

Davies, T. *et al.*, *Trans. Faraday Soc.*, 1957, **53**, 19, (*synth, props*)

Arnott, S. *et al.*, *Acta Cryst.*, 1958, **11**, 449, (*struct*)

Caruso, J.A. *et al.*, *J.A.C.S.*, 1971, **93**, 1341, (*synth, props*)

Ger. Pat., 1975, 2 365 465; *CA*, **83**, 44049r, (*use*)

Saleh, N. *et al.*, *J. Solution Chem.*, 1979, **8**, 197, (*props*)

Popovych, O., *Solubility Data Ser.*, 1981, **18**, 43, (*props*)