



>>Entry Name: Trifluoro(trifluoromethyl)borate(1-), 12Cl, 9Cl

Synonym(s): (Trifluoromethyl)trifluoroborate



Molecular Formula: $\text{CBF}_6^{(-)}$

Molecular Weight: 136.812

Accurate Mass: 136.999723

Percentage Composition: C 8.78%; B 7.90%; F 83.32%

>>Derivative: K salt

CAS Registry Number: 42298-15-7

Molecular Formula: CBF_6K

Molecular Weight: 175.911

Percentage Composition: C 6.83%; B 6.15%; F 64.80%; K 22.23%

Physical Description: Monoclinic cryst. (EtOH)

References:

Jackovitz, J.F. *et al.*, *Appl. Spectrosc.*, 1973, **27**, 209, (*ir, Raman*)

Brauer, D.J. *et al.*, *Inorg. Chem.*, 1977, **16**, 2305, (*ir, Raman, synth, cryst struct*)

Pawelke, G. *et al.*, *J. Organomet. Chem.*, 1979, **178**, 1, (*synth*)