



>>Entry Name: Trifluoro(hydrogencyanide-N)boron

Synonym(s): Boron trifluoride hydrogen cyanide complex (1:1). Hydrogen cyanide boron trifluoride complex (1:1)

CAS Registry Number: 557-83-5

HCN-BF₃

Molecular Formula: CHBF₃N

Molecular Weight: 94.832

Accurate Mass: 95.015413

Percentage Composition: C 12.67%; H 1.06%; B 11.40%; F 60.10%; N 14.77%

Source/Synthesis: Synth. (gas) from HCN + BF₃, 1% in Ar; or (solid) from HCN + BF₃ at 0° and 432 mmHg

References:

Reeve, S.W. *et al.*, *J. Phys. Chem.*, 1993, **97**, 10630, (*synth, gas, microwave*)

Burns, W.A. *et al.*, *J.A.C.S.*, 1993, **115**, 11622, (*synth, solid, cryst struct*)