



>>Entry Name: **Tin(II) tetrafluoroborate**

Synonym(s): Tetrafluoroborate(1-), tin(2+) salt (2:1). Tin fluoroborate. Stannous fluoroborate

CAS Registry Number: 13814-97-6

$\text{Sn}(\text{BF}_4)_2$

Molecular Formula: $\text{B}_2\text{F}_8\text{Sn}$

Molecular Weight: 292.319

Accurate Mass: 291.908034

Percentage Composition: B 7.40%; F 51.99%; Sn 40.61%

Source/Synthesis: Prepd. in aq. soln. by anodic dissoln. of Sn in HBF_4 solns.

Use/Importance: Used to cure epoxy resins and in electroplating baths

Aldrich: 43599-6

Other: Gelest SNT7942

References:

Rizwanul, H. *et al.*, *Can. J. Chem.*, 1966, **44**, 2769, (*F-19 nmr*)

Chen, C.J. *et al.*, *Electrochim. Acta*, 1985, **30**, 1307, (*synth*)

Bond, A.M., *J.C.S. Dalton*, 1991, 411, (*electrochem*)