



>>Entry Name: Triethyl(trifluoromethyl)silane

CAS Registry Number: 120120-26-5

Et_3SiCF_3

Molecular Formula: $\text{C}_7\text{H}_{15}\text{F}_3\text{Si}$

Molecular Weight: 184.276

Accurate Mass: 184.089511

Percentage Composition: C 45.63%; H 8.20%; F 30.93%; Si 15.24%

Source/Synthesis: Synth. from Et_3SiCl + F_3CBr at -78°

Physical Description: Liq.

Boiling Point: Bp_{10} 52-54°

Other Data: Reacts with quinones yielding dienones

Aldrich: 41998-2

Fluka: 90570

References:

Ruppert, I. *et al.*, *Tet. Lett.*, 1984, **25**, 2195, (*synth*)

Stahly, G.P. *et al.*, *J.O.C.*, 1989, **54**, 2873, (*pmr, ir, ms, synth, F-19 nmr, use*)