>>**Entry Name: Triethylsilanol,** 9Cl
Synonym(s): Hydroxytriethylsilane

CAS Registry Number: 597-52-4
Et_3SiOH

Molecular Formula: $C_6H_{16}OSi$
Molecular Weight: 132.277
Accurate Mass: 132.097042
Percentage Composition: C 54.48%; H 12.19%; O 12.10%; Si 21.23%
Source/Synthesis: Synth. from $Et_3SiCl + H_2O$
Physical Description: Liq.
Boiling Point: Bp 154°. Bp_{18} 70.5°
Density: d_4^{20} 0.865
Refractive Index: n_D^{20} 1.4329

Aldrich: 38042-3
Fluka: 90560

>>**Derivative:** Ac
Synonym(s): Acetoxytriethylsilane

CAS Registry Number: 5290-29-9
Molecular Formula: $C_8H_{18}O_2Si$
Molecular Weight: 174.314
Accurate Mass: 174.107607
Percentage Composition: C 55.12%; H 10.41%; O 18.36%; Si 16.11%
Physical Description: Liq.
Boiling Point: Bp 173-174°

>>**Derivative:** Benzoyl

CAS Registry Number: 1018-20-8
Molecular Formula: $C_{13}H_{20}O_2Si$
Molecular Weight: 236.385
Accurate Mass: 236.123257
Percentage Composition: C 66.05%; H 8.53%; O 13.54%; Si 11.88%
Physical Description: Liq.
Boiling Point: Bp_8 133°

References:

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