



>>Entry Name: Trimethyl(2-propynyloxy)silane, 9CI

CAS Registry Number: 5582-62-7

$\text{HC}\equiv\text{CCH}_2\text{OSiMe}_3$

Molecular Formula: $\text{C}_6\text{H}_{12}\text{OSi}$

Molecular Weight: 128.246

Accurate Mass: 128.065742

Percentage Composition: C 56.19%; H 9.43%; O 12.48%; Si 21.90%

Source/Synthesis: Synth. from $\text{HC}\equiv\text{CCH}_2\text{OH}$ + Me_3SiCl + Py

Boiling Point: Bp 110-111°

Density: d^{20}_4 0.83

Refractive Index: n^{20}_D 1.4090

References:

Mironov, V.F. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1960, 2059-2061; *CA*, **55**, 14297c, (*synth*)

Aizpurua, J.M. *et al.*, *Can. J. Chem.*, 1984, **62**, 336-340, (*synth*)

Liepins, E. *et al.*, *J. Organomet. Chem.*, 1986, **306**, 167-182, (*cmr*, *O-17 nmr*, *Si-29 nmr*)