



>>Entry Name: [(1-Methoxy-2-methyl-1-propenyl)oxy]trimethylsilane, 9CI

Synonym(s): Methyl trimethylsilyl dimethylketene acetal

CAS Registry Number: 31469-15-5

$(\text{H}_3\text{C})_2\text{C}=\text{C}(\text{OMe})\text{OSiMe}_3$

Molecular Formula:  $\text{C}_8\text{H}_{18}\text{O}_2\text{Si}$

Molecular Weight: 174.315

Accurate Mass: 174.107607

Percentage Composition: C 55.12%; H 10.41%; O 18.36%; Si 16.11%

Use/Importance: Used in group transfer polys.

Boiling Point:  $\text{Bp}_{15}$  35°

Density: d 0.86

Refractive Index:  $n_{\text{D}}^{25}$  1.4146

#### References:

Ainsworth, C. *et al.*, *J. Organomet. Chem.*, 1972, **46**, 59-71, (*synth, pmr*)

Adam, W. *et al.*, *J.O.C.*, 1978, **43**, 1159-1161, (*synth, pmr*)