>>**Entry Name: 2-(Chloromethyl)-3-(trimethylsilyl)propene**
Synonym(s): [2-(Chloromethyl)-2-propenyl]trimethylsilane, 9Cl

CAS Registry Number: 18388-03-9

$H_2C=C(CH_2Cl)CH_2SiMe_3$

Molecular Formula: $C_7H_{15}ClSi$
Molecular Weight: 162.734
Accurate Mass: 162.063154
Percentage Composition: C 51.67%; H 9.29%; Cl 21.79%; Si 17.26%
Source/Synthesis: Synth. from $H_2C=C(CH_2OH)CH_2SiMe_3 + SOCl_2$, from $H_2C=C(CH_2Cl)CH_2SiCl_3$ + MeMgBr, or from $ClCH_2COOMe + Me_3SiCH_2MgCl + CeCl_3$
Use/Importance: Used in a [3+2] annulation procedure for methylenecyclopentanes
Physical Description: Clear oil
Boiling Point: Bp 158°

Aldrich: 31834-5
Fluka: 25037

References:

Knapp, S. *et al.*, *Tet. Lett.*, 1980, **21**, 4557, *(use)*
Jones, M.D. *et al.*, *J.C.S. Dalton*, 1986, 1411, *(synth, ir, pmr)*
Trost, B.M. *et al.*, *J.O.C.*, 1988, **53**, 4887, *(synth, pmr)*
Vee, T.V. *et al.*, *Tetrahedron*, 1989, **45**, 5877, *(synth, uv, pmr, cmr, ms)*