



>>Entry Name: Trimethylsilyl methoxy(trimethylsilyl)carbamate, 11Cl

Synonym(s): *N*-Methoxy-*N,O*-bis(trimethylsilyl)carbamate

CAS Registry Number: 105532-86-3

Me3SiN(OMe)COOSiMe3

Molecular Formula: $C_8H_{21}NO_3Si_2$

Molecular Weight: 235.43

Accurate Mass: 235.105998

Percentage Composition: C 40.81%; H 8.99%; N 5.95%; O 20.39%; Si 23.86%

Source/Synthesis: Synth. from Me3SiNH(OMe) + CO2 followed by silylation

Use/Importance: Converts hydroxy keto steroids into methoxime TMS derivs. suitable for gc anal.

Boiling Point: Bp₉ 55-58°

References:

Knausz, D. *et al.*, *J. Chromatogr.*, 1986, **365**, 183-190; 1988, **446**, 253-257, (*use*)

Moertl, M. *et al.*, *J. Organomet. Chem.*, 1995, **492**, 115-119, (*synth, ir*)