



>>Entry Name: Chloromethoxydimethylsilane, 9Cl

CAS Registry Number: 1825-68-9

Me₂SiClOMe

Molecular Formula: C₃H₉ClOSi

Molecular Weight: 124.642

Accurate Mass: 124.011119

Percentage Composition: C 28.91%; H 7.28%; Cl 28.44%; O 12.84%; Si 22.53%

Source/Synthesis: Synth. from SiMe₂Cl₂ + MeOH

Use/Importance: Reagent for gc anal. of steroids

Physical Description: Liq.

Boiling Point: Bp 77-78°

Density: d²⁵ 0.9367

Refractive Index: n_D²⁰ 1.3865

Fluka: 39897

References:

Van Wazer, J.R. *et al.*, *J. Inorg. Nucl. Chem.*, 1964, **26**, 737, (*pmr*)

Prey, V. *et al.*, *Annalen*, 1965, **682**, 228, (*synth*)

Kelly, R.W., *Steroids*, 1969, **13**, 507, (*use*)

Dube, G. *et al.*, *Z. Anorg. Allg. Chem.*, 1974, **405**, 46, (*ms*)