



>>Entry Name: Trimethoxysilane, 9CI

CAS Registry Number: 2487-90-3
(MeO)₃SiH

Molecular Formula: C₃H₁₀O₃Si

Molecular Weight: 122.196

Accurate Mass: 122.039922

Percentage Composition: C 29.49%; H 8.25%; O 39.28%; Si 22.98%

Source/Synthesis: Synth. from Si/Cu + MeOH

Physical Description: Liq.

Boiling Point: Bp 84°. Bp 104-106°

Aldrich: 28262-6

Fluka: 92195

Rare Chemicals Library: S58574-2

References:

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1644B, (*ir*)

Sternbach, B. *et al.*, *J.A.C.S.*, 1959, **81**, 5109, (*synth, ir*)

Klejnoto, J., *Inorg. Chem.*, 1963, **2**, 825, (*synth*)

Newton, W.E. *et al.*, *Inorg. Chem.*, 1970, **9**, 1071, (*synth*)

Newton, W.E. *et al.*, *Inorg. Chim. Acta*, 1970, **4**, 133, (*pmr*)

Newton, W.E. *et al.*, *J.C.S.(A)*, 1970, 2664, (*ir, Raman*)

Suzuki, E. *et al.*, *Bull. Chem. Soc. Jpn.*, 1991, **64**, 3445, (*synth*)

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