



>>Entry Name: Trimethyl(pentafluorophenyl)silane, 9CI

Synonym(s): Trimethyl(perfluorophenyl)silane

CAS Registry Number: 1206-46-8

$\text{Me}_3\text{Si}(\text{C}_6\text{F}_5)$

Molecular Formula: $\text{C}_9\text{H}_9\text{F}_5\text{Si}$

Molecular Weight: 240.248

Accurate Mass: 240.039367

Percentage Composition: C 44.99%; H 3.78%; F 39.54%; Si 11.69%

Source/Synthesis: Synth. from $(\text{C}_6\text{F}_5)\text{MgBr}$ + Me_3SiCl

Physical Description: Liq.

Boiling Point: Bp_{693} 170°

Aldrich: 38981-1

References:

Miller, J.M., *J.C.S.(A)*, 1967, 828, (*ms*)

Oliver, A.J. *et al.*, *J. Organomet. Chem.*, 1969, **19**, 17, (*ir, pmr, F-19 nmr, synth*)

Maire, J.C. *et al.*, *J. Organomet. Chem.*, 1976, **122**, 21, (*F-19 nmr*)