



---

>>Entry Name: Dimethoxymethyl(3,3,3-trifluoropropyl)silane, 9CI

**CAS Registry Number:** 358-67-8

F3CCH2CH2SiMe(OMe)2

**Molecular Formula:** C<sub>6</sub>H<sub>13</sub>F<sub>3</sub>O<sub>2</sub>Si

**Molecular Weight:** 202.248

**Accurate Mass:** 202.063691

**Percentage Composition:** C 35.63%; H 6.48%; F 28.18%; O 15.82%; Si 13.89%

**Source/Synthesis:** Synth. from F<sub>3</sub>CCH<sub>2</sub>CH<sub>2</sub>MgCl + MeSi(OMe)<sub>3</sub>

**Boiling Point:** Bp<sub>251</sub> 96.5-97°

**Density:** d<sup>20</sup> 1.1

**Refractive Index:** n<sub>D</sub><sup>20</sup> 1.3576

**References:**

McBee, E.T. *et al.*, *J.A.C.S.*, 1955, **77**, 1292-1293, (*synth*)

Geyer, A.M. *et al.*, *J.C.S.*, 1957, 4472-4479, (*synth*)