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>>Entry Name: (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecyl)trimethoxysilane, 9CI

**CAS Registry Number:** 83048-65-1

$\text{F}_3\text{C}(\text{CF}_2)_7\text{CH}_2\text{CH}_2\text{Si}(\text{OMe})_3$

**Molecular Formula:**  $\text{C}_{13}\text{H}_{13}\text{F}_{17}\text{O}_3\text{Si}$

**Molecular Weight:** 568.302

**Accurate Mass:** 568.036248

**Percentage Composition:** C 27.48%; H 2.31%; F 56.83%; O 8.45%; Si 4.94%

**Use/Importance:** Silane coupling agent for surface modification of glass

**Physical Description:** Liq.

**Boiling Point:**  $\text{Bp}_{0.7}$  75-79°

**References:**

Yoshino, N. *et al.*, *Bull. Chem. Soc. Jpn.*, 1993, **66**, 1754-1758, (*synth, ir, pmr, cmr, F-19 nmr*)