



>>Entry Name: Trimethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane, ¹¹Cl

Synonym(s): Trimethoxy(1*H*,1*H*,2*H*,2*H*-tridecafluorooctyl)silane

CAS Registry Number: 85857-16-5

F3C(CF2)5CH2CH2Si(OMe)3

Molecular Formula: C₁₁H₁₃F₁₃O₃Si

Molecular Weight: 468.287

Accurate Mass: 468.042636

Percentage Composition: C 28.21%; H 2.80%; F 52.74%; O 10.25%; Si 6.00%

Source/Synthesis: Synth. by methanolysis of the SiCl₃ analogue

Boiling Point: Bp₂ 69-71°

References:

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