



>>Entry Name: 1,3,5-Trimethyl-1,1,3,5,5-pentaphenyltrisiloxane, 9CI

Synonym(s): Methylbis(methyldiphenylsiloxy)phenylsilane

CAS Registry Number: 3390-61-2

MePhSi(OSiMePh₂)₂

Molecular Formula: C₃₃H₃₄O₂Si₃

Molecular Weight: 546.887

Accurate Mass: 546.186661

Percentage Composition: C 72.48%; H 6.27%; O 5.85%; Si 15.41%

Source/Synthesis: Synth. by co-hydrol. of MePh₂SiOH and MePhSiCl₂

Boiling Point: Bp_{0.5} 225°

Density: d²⁰ 1.09

Refractive Index: n_D²⁵ 1.5787

References:

U.S. Pat., 1959, 2 890 234; *CA*, **54**, 2255h, (*synth*)

Sliwinski, S., *J. Prakt. Chem.*, 1966, **32**, 31-36, (*synth*)

Engelhardt, G. *et al.*, *J. Organomet. Chem.*, 1973, **54**, 115-122, (*Si-29 nmr*)