



>>Entry Name: **1,3-Dimethyl-1,1,3,3-tetraphenyldisilazane**

Synonym(s): 1-Methyl-*N*-(methyldiphenylsilyl)-1,1-diphenylsilanamine, 9CI

CAS Registry Number: 7453-26-1

Ph2MeSiNHSiMePh2

Molecular Formula: $C_{26}H_{27}NSi_2$

Molecular Weight: 409.677

Accurate Mass: 409.168203

Percentage Composition: C 76.23%; H 6.64%; N 3.42%; Si 13.71%

Source/Synthesis: Synth. from MePh2SiCl + NH3 in C6H6, or from MePh2SiCl + MePh2SiNH2 + NaH

Physical Description: Cryst. (petrol)

Melting Point: Mp 90.5-91.5°

References:

Andrianov, K.A. *et al.*, *Zh. Obshch. Khim.*, 1966, **36**, 895-900, (*synth*)

Breed, L.W. *et al.*, *J. Organomet. Chem.*, 1971, **31**, 179-185, (*synth, ir, pmr*)