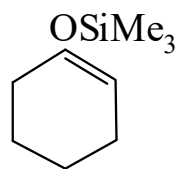




>>Entry Name: 1-Trimethylsilyloxycyclohexene

Synonym(s): (1-Cyclohexen-1-yloxy)trimethylsilane, 9CI



CAS Registry Number: 6651-36-1

Molecular Formula: C₉H₁₈OSi

Molecular Weight: 170.326

Accurate Mass: 170.112692

Percentage Composition: C 63.47%; H 10.65%; O 9.39%; Si 16.49%

Source/Synthesis: Synth. from cyclohexanone, Me₃SiCl and Et₃N

Use/Importance: Comly. available intermed. for many complex compds. including natural products. Undergoes Michael addn. to e.g. methyl vinyl ketone

Physical Description: Moisture-sensitive liq.

Boiling Point: Bp₁₅ 64-65°. Bp₁₁ 58-58.5°

Density: d₄²⁰ 0.885

Refractive Index: n_D²⁰ 1.4452

Aldrich: 14481-9

Fluka: 92735

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