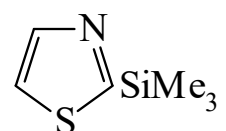




>>Entry Name: 2-(Trimethylsilyl)thiazole, 11Cl



CAS Registry Number: 79265-30-8

Molecular Formula: C₆H₁₁NSSi

Molecular Weight: 157.311

Accurate Mass: 157.038146

Percentage Composition: C 45.81%; H 7.05%; N 8.90%; S 20.38%; Si 17.85%

Source/Synthesis: Synth. from 2-bromothiazole + BuLi, then Me₃SiCl

Use/Importance: Reacts with heteroaryl cations to give unsymmetrical azadiaryls. Reagent for stereoselective homologation of D-glyceraldehyde

Physical Description: Liq.

Boiling Point: Bp₁₀ 56-57°

Aldrich: 36141-0

Fluka: 92785

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 715A, (*nmr*)

Medici, A. *et al.*, *Chem. Comm.*, 1981, 655, (*synth*)

Medici, A. *et al.*, *Tet. Lett.*, 1983, **24**, 2901, (*props*)

Dondoni, A. *et al.*, *Tet. Lett.*, 1984, **25**, 3637; 1985, **26**, 5477, (*props*)