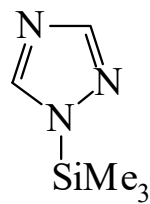




>>Entry Name: 1-(Trimethylsilyl)-1*H*-1,2,4-triazole, 11Cl



CAS Registry Number: 18293-54-4

Molecular Formula: C₅H₁₁N₃Si

Molecular Weight: 141.247

Accurate Mass: 141.072224

Percentage Composition: C 42.52%; H 7.85%; N 29.75%; Si 19.88%

Source/Synthesis: Synth. from 1,2,4-triazole and (Me₃Si)₂NH

Use/Importance: Reagent for the synth. of nucleoside phosphoramidites

Physical Description: Liq.

Boiling Point: Bp₁₂ 74°

Refractive Index: n_D²⁰ 1.4604

Aldrich: 38422-4

Fluka: 92791

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 714C, (*nmr*)

Birkhofer, L. *et al.*, *Chem. Ber.*, 1960, **93**, 2804, (*synth*)

Fourrey, J.L. *et al.*, *Tet. Lett.*, 1984, **25**, 4511, (*use*)