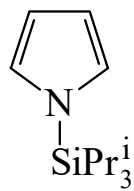




>>Entry Name: *N*-(Triisopropylsilyl)pyrrole

Synonym(s): 1-[Tris(1-methylethyl)silyl]-1*H*-pyrrole



CAS Registry Number: 87630-35-1

Molecular Formula: C₁₃H₂₅NSi

Molecular Weight: 223.433

Accurate Mass: 223.175626

Percentage Composition: C 69.88%; H 11.28%; N 6.27%; Si 12.57%

Source/Synthesis: Synth. from pyrrole + NaH + ClSiPr₃ⁱ

Use/Importance: Precursor to 3-subst. pyrroles

Physical Description: Mobile colourless liq.

Melting Point: Mp 5°

Boiling Point: Bp₁₁ 125°

Aldrich: 37794-5

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 713A, (*nmr*)

Kozikowski, A.P. *et al.*, *J.O.C.*, 1984, **49**, 3239, (*use*)

Stefan, K.P. *et al.*, *Chem. Ber.*, 1989, **122**, 169, (*synth, use*)

Muchowski, J.M. *et al.*, *J.O.C.*, 1990, **55**, 6317, (*synth, use, pmr, ir*)

Shum, P.W. *et al.*, *Tet. Lett.*, 1990, **31**, 6785, (*use*)