

1710
ED

C₄H₇NSi

***N*-Silylpyrrole**

C_{2v} assumed
(without H atoms at Si)

| <i>r_a</i> | Å ^{a)} | <i>θ_a</i> | deg ^{a)} |
|----------------------|---------------------|----------------------|-------------------|
| C–H | 1.082(18) | C(1)–N–C(1') | 109.6(9) |
| C–N | 1.382(7) | N–C(1)=C(2) | 107.7(10) |
| C(1)=C(2) | 1.384(8) | C(1)=C(2)–C(2') | 107.5(10) |
| C(2)–C(2') | 1.425 ^{c)} | Si–N–C(1) | 125.2(5) |
| Si–H | 1.485 ^{c)} | | |
| Si–N | 1.736(6) | | |

All C–H distances were assumed to be equal. H–Si–H angles were assumed to be tetrahedral. Angles H–C(1)=C(2) and H–C(2)=C(1) were assumed to be equal to those of pyrrole. The SiH₃ group was assumed to be rotating freely about the Si–N bond.

The nozzle temperature was not stated, probably room temperature.

^{a)} Estimated standard errors.

^{b)} Average value.

^{c)} Assumed.

Glidewell, C., Robiette, A.G., Sheldrick, G.M.: J. Mol. Struct. **9** (1971) 476.

