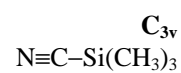


1799  
MW

**C<sub>4</sub>H<sub>9</sub>NSi**

**Trimethylsilyl cyanide**



| $r_s$ | $\text{\AA}^a$ |
|-------|----------------|
| C≡N   | 1.1579(20)     |

Isotopic species (CH<sub>3</sub>)<sub>3</sub>Si<sup>12</sup>C<sup>14</sup>N

| $z_s$ | $\text{\AA}$ |
|-------|--------------|
| C     | 1.46802      |
| N     | 2.62576      |

<sup>a</sup>) Uncertainties are about three times those of the original data.

Georgiou, K., Legon, A.C.: J. Mol. Struct. **78** (1982) 257.

ED

| $r_a$         | $\text{\AA}^a$ | $\theta_a$              | deg <sup>a</sup> ) |
|---------------|----------------|-------------------------|--------------------|
| C≡N           | 1.170(20)      | C(methyl)–Si–C(nitrile) | 107.0(30)          |
| Si–C(nitrile) | 1.844(40)      | Si–C(methyl)–H          | 110.4(30)          |
| Si–C(methyl)  | 1.871(20)      |                         |                    |
| C–H           | 1.111(20)      |                         |                    |

The nozzle temperature was 45 °C.

<sup>a</sup>) Uncertainty estimates are twice those of the original data.

Dakkouri, M., Oberhammer, H.: Z. Naturforsch. **29a** (1974) 513.