

1326
ED

C₃H₇NO

***N,N*-Dimethylformamide**

C₁
(CH₃)₂N-C(O)H

r_g	Å ^{a)}	θ_α	deg ^{a)}
C-H (mean)	1.112(3)	C(2)-N-C(1)	120.8(3)
C(1)-N	1.391(7)	C(3)-N-C(1)	122.3(4)
C(2,3)-N (mean)	1.453(4)	C(2)-N-C(3)	113.9(5)
C=O	1.224(3)	N-C=O	123.5(6)
		N-C(1)-H	117.0(28)
		N-C(2,3)-H (mean)	110.1(3)
		C(2)-N-C=O	-16.3(45)
		C(3)-N-C=O	-168.6(39)

The experimental results indicate a slight nonplanarity of the nitrogen bond configuration.

The nozzle temperature was 51 °C.

^{a)} Estimated total errors.

Schultz, Gy., Hargittai, I.: J. Phys. Chem. **97** (1993) 4966.

