

1323
ED

C₃H₇NO

***N*-Methylacetamide**

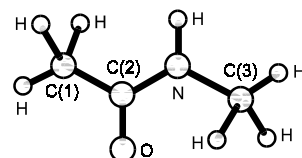
C_s
H₃C–C(O)–NH–CH₃

r_g	Å ^{a)}	θ_α	deg ^{a)}
C(1)–C(2)	1.520(5)	N–C(2)=O	121.8(4)
C(3)–N	1.469(6)	C(2)–N–C(3)	119.7(8)
C(2)–N	1.386(4)	C(1)–C(2)–N	114.1(15)
C(2)=O	1.225(3)	H–C–H (average)	110.4(20)
C–H (average)	1.107(5)	H–N–C(2)	110.0(50)

The C(3)H₃ group is staggered with respect to the C(2)–N bond.

^{a)} Estimated limits of error.

^{b)} Average value.



Kitano, M., Fukuyama, T., Kuchitsu, K.: Bull. Chem. Soc. Jpn. **46** (1973) 384.