

1602
MW

C₄H₅NO

4-Methyloxazole

C_s

| r_0 | Å ^{a)} | θ_0 | deg |
|-------------|--------------------------|------------------|------------------------------------|
| C(2)–O | 1.358 ^{b)} | C(2)–O–C(5) | 103.9 ^{b)} |
| O–C(5) | 1.375 ^{b)} | O–C(5)=C(4) | 108.0 ^{b)} |
| C(5)=C(4) | 1.354 ^{b)} | C(5)=C(4)–N | 109.1 ^{b)} |
| C(4)–N | 1.397 ^{b)} | C(4)–N=C(2) | 104.0 ^{b)} |
| N=C(2) | 1.293 ^{b)} | N=C(2)–O | 115.0 ^{b)} |
| C(4)–C (I) | 1.5172(50) ^{c)} | C–C(4)=C(5) (I) | 137.94 ^{b)} ^{c)} |
| C(4)–C (II) | 1.5066(50) ^{c)} | C–C(4)=C(5) (II) | 128.94 ^{b)} ^{c)} |

^{a)} Uncertainties were not estimated in the original paper.

^{b)} Assumed.

^{c)} The C(4)–C(methyl) bond was assumed to coincide with the CH₃ internal rotation axis. Their distances (I) and (II) were derived from assumptions for the angles (I) and (II), respectively.

Fliege, E.R.L.: Z. Naturforsch. **45a** (1990) 911.

