

1603
MW

C₄H₅NO

5-Methyloxazole

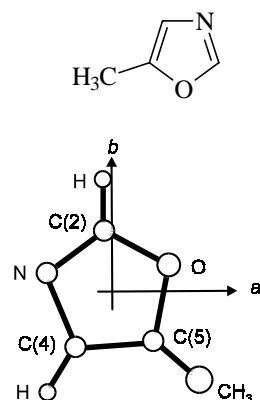
C_s

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(5)–C (I)	1.5101(50) ^{c)}	C–C(5)–O (I)	112.65 ^{b)} ^{c)}
C(5)–C (II)	1.5007(50) ^{c)}	C–C(5)–O (II)	116.9 ^{b)} ^{c)}

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

^{b)} Assumed.

^{c)} The C(5)–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.