

1116
MW

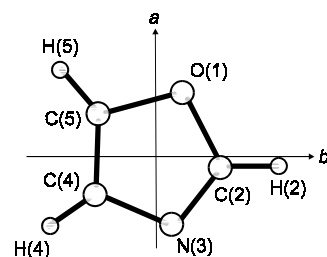
C₃H₃NO

Oxazole

C_s

r_s	Å	θ_s	deg
O(1)–C(2)	1.3574(26)	C(5)–O(1)–C(2)	103.9(5)
C(2)=N(3)	1.2915(21)	O(1)–C(2)=N(3)	115.0(4)
N(3)–C(4)	1.3954(25)	C(2)=N(3)–C(4)	103.9(4)
C(4)=C(5)	1.3525(17)	N(3)–C(4)=C(5)	109.1(7)
C(5)–O(1)	1.3696(17)	C(4)=C(5)–O(1)	108.1(6)
C(2)–H(2)	1.0750(5)	O(1)–C(2)–H(2)	117.1(5)
C(4)–H(4)	1.0751(6)	N(3)–C(2)–H(2)	127.9(2)
C(5)–H(5)	1.0732(13)	N(3)–C(4)–H(4)	121.9(3)
		C(5)=C(4)–H(4)	129.1(1)
		C(4)=C(5)–H(5)	135.0(1)
		O(1)–C(5)–H(5)	116.9(3)

Atom	a_s [Å]	b_s [Å]
O(1)	1.0479	0.4508
C(2)	–0.1595	1.0697
N(3)	–1.1785	0.2767
C(4)	–0.6120	–0.9995
C(5)	0.7346	–0.8831
H(2)	–0.1584	–2.1444
H(4)	–1.2154	–1.8890
H(5)	1.5558	–1.5745



Kumar, A., Sheridan, J., Stiefvater, O.L.: Z. Naturforsch. **33a** (1978) 145.