

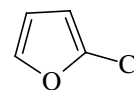
1517
ED

C₄H₃ClO

2-Chlorofuran

C_s assumed

r_a	Å ^{a)}	θ_a	deg ^{a)}
C–Cl	1.707(6)	C=C–C	106.7(10)
C(3)–C(4) ^{b)}	1.377(35)	O–C=C	110.3(15)
C(2,5)=C ^{b)}	1.379(24)	C=C–Cl	131.9(17)
C–O ^{b)}	1.362(20)	C(4)=C(5)–H	127.3 ^{c)}
C–H	1.077 ^{c)}	C(3,4)–C–H	124.7 ^{c)}

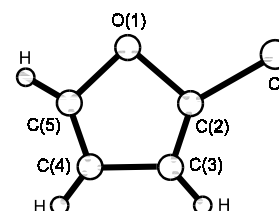


No significant deviation of the furan ring from local C_{2v} symmetry was observed.
The temperature of the reservoir was 22 °C.

^{a)} Three times the estimated standard errors without explicit statement of the systematic error.

^{b)} The weighted average value of the C–C, C=C, and C–O bond lengths, 1.372 Å, seems to be more reliable.

^{c)} Assumed.



Shcherbak, G.A., Sadova, N.I., Vilkov, L.V., Boiko, Yu.A.: Zh. Strukt. Khim. **20** (1979) 532;
Russ. J. Struct. Chem. (Engl. Transl.) **20** (1979) 451.