

1559  
MW

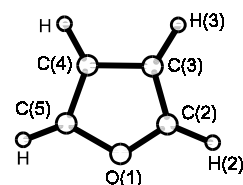
**C<sub>4</sub>H<sub>4</sub>O**

**Furan**

**C<sub>2v</sub>**

$r_s$	Å	$\theta_s$	deg
O–C(2)	1.3622(4)	C(2)–O–C(5)	106.56(4)
C(2)=C(3)	1.3610(6)	O–C(2)=C(3)	110.65(4)
C(3)–C(4)	1.4301(10)	C(2)=C(3)–C(4)	106.07(4)
C(2)–H(2)	1.0748(4)	O–C(2)–H(2)	115.98(6)
C(3)–H(3)	1.0768(4)	C(4)–C(3)–H(3)	127.83(4)

Atom	$a_s$ [Å]	$b_s$ [Å]
H(2)	–0.81383	2.04625
H(3)	1.83799	1.37674
O	–1.13378	0.0
C(2)	–0.3193	1.09184
C(3)	0.98850	0.7150



<sup>a)</sup> Uncertainties are about twice those of the original data.

Mata, F., Martin, M.C., Sørensen, G.O.: J. Mol. Struct. **48** (1978) 157.

ED, MW,  
liquid-crystal NMR

$r_\alpha^0$	Å	$\theta_\alpha^0$	deg
O–C(2)	1.3641(7)	C(2)–O–C(5)	106.74(7)
C(2)=C(3)	1.3640(9)	O–C(2)–H(2)	117.35(14)
C(3)–C(4)	1.4303(19)	C(4)–C(3)–H(3)	127.93(19)
C(2)–H(2)	1.0864(14)		
C(3)–H(3)	1.0862(16)		

The nozzle temperature was 300 K.

<sup>a)</sup> Estimated standard errors.

Liescheski, P.B., Rankin, D.W.H.: J. Mol. Struct. **196** (1989) 1.