

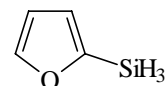
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C₄H₆OSi

2-Furylsilane

C_s assumed

r_a	Å ^{a)}	θ_a	deg ^{a)}
Si–C	1.871(15)	Si–C=C	128(4)
C–O, C=C ^{b)}	1.38(2) ^{c)}	C=C–C	106(5) ^{c)}
C–C	1.44(2) ^{c)}	C–O–C ^{d)}	106(5) ^{c) d)}
C–H ^{d)}	1.08 ^{e)}	C=C–O ^{d)}	111(5) ^{c) d)}
Si–H ^{d)}	1.49 ^{e)}	Si–C–O ^{d)}	121(4) ^{d)}
		C–C–H	130 ^{e)}
		C=C–H	124 ^{e)}
		C–Si–H	111 ^{e)}
		H–Si–C–O	0 ^{e)}
		H–Si–C=C	180 ^{e)}



It was assumed that the furan ring was planar and had local C_{2v} symmetry and the silyl group had local C_{3v} symmetry.

The temperature of the measurements was not stated.

^{a)} Three times the estimated standard errors.

^{b)} Average value of the C–O and C=C distances.

^{c)} These uncertainties were not estimated in the original paper because these parameters were not refined in the least-squares analysis.

^{d)} Dependent parameter.

^{e)} Assumed.

Erchak, N.P., Ziatdinova, R.N., Litvinov, O.A., Naumov, V.A., Lukevits, É.: Khim. Geterotsikl. Soedin. (1987) 25; Chem. Heterocycl. Compd. (Engl. Transl.) (1987) 18.