

1572  
MW

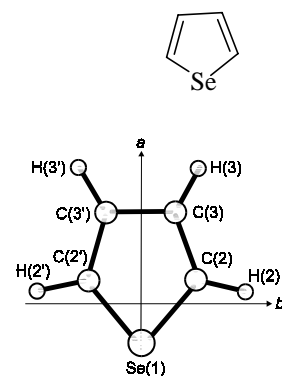
**C<sub>4</sub>H<sub>4</sub>Se**

**Selenophene**

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

$r_s$	Å	$\theta_s$	deg
Se–C	1.8547(20)	C–Se–C	87.77(15)
C(2)=C(3)	1.3695(30)	Se–C(2)=C(3)	111.6(2)
C(3)–C(3')	1.4332(50)	C(2)=C(3)–C(3')	114.6(2)
C(2)–H(2)	1.0700(50)	Se–C–H	121.7(5)
C(3)–H(3)	1.0792(50)	C(3')–C(3)–H(3)	122.9(5)

Atom	$a_s$ [Å]	$b_s$ [Å]
Se	–0.7840	0.0
C(2,2')	0.5528	±1.2857
C(3,3')	1.7984	±0.7166
H(2,2')	0.3275	±2.3317
H(3,3')	2.7048	±1.3024



Pozdeev, N.M., Akulinin, O.B., Shapkin, A.A., Magdesieva,

N.N.: Zh. Strukt. Khim. **11** (1970) 869; J. Struct. Chem. USSR (Engl. Transl.) **11** (1970) 804.

See also: Pozdeev, N.M., Akulinin, O.B., Shapkin, A.A., Magdesieva, N.N.: Dokl. Akad. Nauk SSSR **185** (1969) 384; Proc. Acad. Sci. USSR (Engl. Transl.) **185** (1969) 192.

Brown, R.D., Burden, F.R., Godfrey, P.D.: J. Mol. Spectrosc. **25** (1968) 415.