

# Structure Data of Free Polyatomic Molecules

**515**  
MW

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

**1,2-Thiaselenin**  
2-Selenathiin

**C<sub>1</sub>**



$r_s$	$\text{\AA}$
S–Se	2.205(16)

The large inertial defect  $\Delta = -33.7140 \text{ u \AA}^2$ , which was derived from the observed rotational constants, shows that the ring of the molecule is not planar.

Gillies, J.Z., Gillies, C.W., Nathan, C.: 56th Ohio State Univ. Int. Symp. Mol. Spectrosc., Columbus, Ohio (2001) WF05.