

**1571**  
MW

**C<sub>4</sub>H<sub>4</sub>S<sub>2</sub>**

**1,2-Dithiin**

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

$r_s$	Å
S-S	2.052(3)
C-S	1.759(4)
C=C	1.353(3)
C-C	1.451(4)

$\theta_s$	deg
S-S-C	98.7(2)
S-C=C	121.4(2)
C-C=C	124.2(2)
S-S-C=C <sup>a)</sup>	41.2
S-C=C-C <sup>a)</sup>	-0.3
C=C-C=C <sup>a)</sup>	29.0
C-S-S-C <sup>a)</sup>	53.9



<sup>a)</sup> Dependent parameter.

Gillies, J.Z., Cotter, E.A., Gillies, C.W.: 50<sup>th</sup> Ohio State Univ. Int. Symp. Mol. Spectrosc., Columbus, Ohio (1995) RI13.