

1455
MW

C₃OS

3-Thioxo-1,2-propadien-1-one

O=C(1)=C(2)=C(3)=S C_{∞v}

$r_s^a)$	$\text{\AA}^b)$	Atom	$z_s [\text{\AA}]$
O=C(1)	1.1343(5)	O	-3.0238 ^{c)} -3.0025 ^{d)}
C(1)=C(2)	1.2696(5)	C(1)	-1.8895
C(2)=C(3)	1.2540(5)	C(2)	-0.6199
C(3)=S	1.5825(5)	C(3)	0.6341
		S	2.2166

^{a)} Contributions of the ν_7 mode were taken into account.

^{b)} Uncertainties were not estimated in the original paper.

^{c)} By the substitution method.

^{d)} By the center-of-mass condition.

Winnewisser, M., Peau, E.W.: Acta Phys. Hung. **55** (1984) 33.