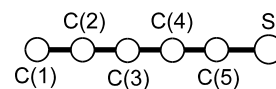


## Structure Data of Free Polyatomic Molecules

<b>686</b>	<b>C<sub>5</sub>S</b>	<b>Pentacarbon monosulfide</b>	<b>C<sub>∞v</sub></b>
MW		5-Thioxo-1,2,3,4-pentatetraenylidene	C=C=C=C=C=S

$r_0$	Å <sup>a)</sup>
C(1)=C(2)	1.277(3)
C(2)=C(3)	1.296(6)
C(3)=C(4)	1.268(12)
C(4)=C(5)	1.277(13)
C(5)=S	1.547(6)



<sup>a)</sup> Estimated standard errors.

Gordon, V.D., McCarthy, M.C., Apponi, A.J., Thaddeus, P.: *Astrophys. J. Suppl. Ser.* **134** (2001) 311.