

769
MW**C₆Si****6-Silanetetrayl-1,2,3,4,5-hexapentaenylidene****C_{∞v}**

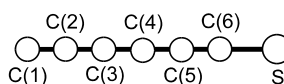
1-Sila-1,2,3,4,5,6-heptahexaene-1,7-diylidene

C=C=C=C=C=C=Si

r_s	Å
Si=C(6)	1.689(3)
C(5)=C(6)	1.282(8)
C(4)=C(5)	1.291(10)
C(3)=C(4)	1.256(7)
C(2)=C(3)	1.300(3)
C(1)=C(2)	1.277(2)

r_e^a	Å
Si=C(6)	1.6980
C(5)=C(6)	1.2748
C(4)=C(5)	1.2910
C(3)=C(4)	1.2626
C(2)=C(3)	1.2971
C(1)=C(2)	1.2830

r_e^b	Å
Si=C(6)	1.6987
C(5)=C(6)	1.2757
C(4)=C(5)	1.2895
C(3)=C(4)	1.2637
C(2)=C(3)	1.2974
C(1)=C(2)	1.2835



^a) Using the vibration-rotation coupling constants from CCSD(T)/cc-pVTZ calculations.

Uncertainties were not estimated in the original paper; they are probably of the same order of magnitude as those for the corresponding r_s parameters.

^b) Using the vibration-rotation coupling constants from CCSD(T)/cc-pVQZ calculations.

Uncertainties were not estimated in the original paper; they are probably of the same order of magnitude as those for the corresponding r_s parameters.

Gordon, V.D., Nathan, E.S., Apponi, A.J., McCarthy, M.C., Thaddeus, P., Botschwina, P.:
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