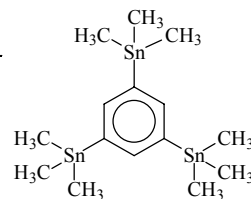


**931** **C<sub>15</sub>H<sub>30</sub>Sn<sub>3</sub>** **1,3,5-Benzenetriyltris[trimethylstannane]** **D<sub>3h</sub>** (without methyl groups) assumed  
 ED 1,3,5-Tris(trimethylstannyl)benzene

$r_g$	Å <sup>a)</sup>	$\theta_a$	deg <sup>a)</sup>
C–C	1.399(5)	C(2)–C(1)–C(6)	117.7(17)
Sn–C(ring)	2.146(17)	C(1)–Sn–C(methyl)	106.7(7)
C–H <sup>b)</sup>	1.105(6)	Sn–C–H	111.5(9)
Sn–C(methyl) <sup>c)</sup>	2.153(7)	$\tau_1$ <sup>d)</sup> <sup>e)</sup>	59(6)
Sn–C <sup>b)</sup>	2.150(7)	$\tau_2$ <sup>e)</sup> <sup>f)</sup>	27(6)
		$\tau_3$ <sup>e)</sup> <sup>g)</sup>	73(3)



It was assumed that the C(ring)–SnC<sub>3</sub> and Sn–CH<sub>3</sub> groups have local C<sub>3v</sub> symmetry and the methyl groups are in staggered conformations.  
 The nozzle temperature was 110 °C.

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

<sup>b)</sup> Mean value.

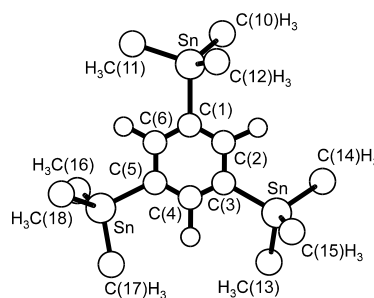
<sup>c)</sup> Difference between the Sn–C(ring) and Sn–C(methyl) bond lengths was assumed at the estimated value.

<sup>d)</sup> C(2)–C(1)–Sn–C(10) torsional angle.

<sup>e)</sup> Zero degree for the eclipsed conformation.

<sup>f)</sup> C(4)–C(3)–Sn–C(13) torsional angle.

<sup>g)</sup> C(6)–C(5)–Sn–C(16) torsional angle.



Schultz, G., Hargittai, I., Rot, N., Bickelhaupt, F.: Struct. Chem. **9** (1998) 209.