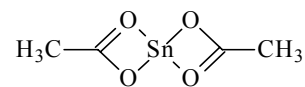


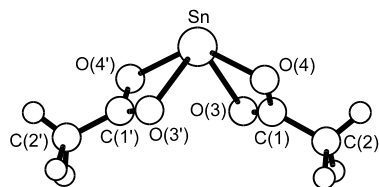
544 **C₄H₆O₄Sn**ED, *ab initio*
calculations**Tin(II) acetate**

Diacetatotin(II)

C₂

r_a	\AA^a	θ_a	deg^a
Sn–O(3)	2.192(8)	C...Sn...C	95.1(13)
Sn–O(4)	2.337(12)	O(3)–Sn–O(4)	58.1(2)
C(1)–O(3)	1.275(5)	O(4')–Sn–O(4)	121(4)
C(1)=O(4)	1.245(5)	O(3')–Sn–O(4)	80(4)
C–C	1.510(5)	O(3)–Sn–O(3')	90(3)
C–H ^b	1.121(10)	Sn–O(4)=C(1)	86.2(6)
		Sn–O(3)–C(1)	93.5(4)
		O(3)–C(1)=O(4)	122.0(4)
		O(4)=C(1)–C(2)	120(3)
		O(3)–C(1)–C(2)	117(3)
		C–C–H ^b	111.6(11)
		O(4)–Sn...C(1)–O(3)	176.3(16)
		$\tau(\text{O}_2\text{CCH}_3)^c$	16.8(11)

Experimental data were supplemented
by flexible restraints derived from
MP2/DZ(P) calculations.
The nozzle temperature was 493 K.

^a) Estimated standard errors.^b) Mean value.^c) Twist angle of the acetate groups around Sn...C axes away from a rhomboidal-based pyramid.

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J. Chem. Soc., Dalton Trans. (1997) 1565.