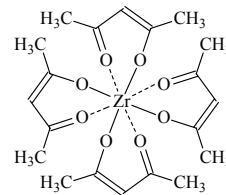


943
ED $\text{C}_{20}\text{H}_{28}\text{O}_8\text{Zr}$ **Tetrakis(acetylacetonato)zirconium(IV)**
Tetrakis(2,4-pentanedionato- $\kappa\text{O}, \kappa\text{O}'$)zirconium**D₂** assumed

r_g	Å ^{a)}	θ_g	deg ^{a)}
C–H	1.094(5)	O(1)–Zr–O(2)	76.9(3)
O(1)–Zr	2.271(3)	C(2)...Zr...C(4)	51(1)
C(2)...Zr	3.008(5)	C(1)–C(2)–C(3)	105.4(4)
C(1)–C(2)	1.500(3)	C(2)–C(1)–H	110.0 ^{b)}
C(2)–C(3)	1.399(7)	φ ^{c)}	73.9(4)
C(3)...Zr	3.552(7)	φ ^{d)}	5.0(15)
C(2)–O(1)	1.260(4)		



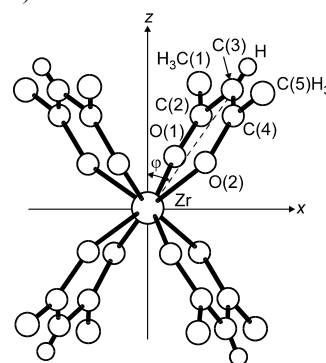
Local C_{3v} symmetry was assumed for the methyl groups.
The temperature of the measurements was 450(10) K [1].

^{a)} 2.5 times the estimated standard errors
including a systematic error.

^{b)} Assumed.

^{c)} See figure for definition.

^{d)} Upward bending angle of the OC(2)C(3)C(4)O
ring along the O(1)...O(2) axis.



Ezhov, Yu.S., Komarov, S.A., Sevast'yanov, V.G.: Zh. Strukt. Khim. **39** No.1 (1998) 46;
J. Struct. Chem. (Engl. Transl.) **39** (1998) 36.

[1] Ezhov, Yu.S., Komarov, S.A., Sevast'yanov, V.G., Timofeev, A.N., Filatov, I.Yu.:
Vysokochist. Veshchestva No.1 (1995) 89.

Replaces [II/25D \(3, 2903\)](#)