Inorganic Chemistry

ADDITION/CORRECTION

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Correction to Structural Phase Transitions in EuC_2 [*Inorganic Chemistry* **2010**, *49*, 312–318 DOI: 10.1021/ic901979v]. Derk Wandner, Pascal Link, Oliver Heyer, John Mydosh, Mahmoud A. Ahmida, Mohsen M. Abd-Elmeguid, Manfred Speldrich, Heiko Lueken, and Uwe Ruschewitz*

Page 314. Table 1 contains several typos and inconsistencies. A revised table is given below. Revised CIFs for each structure are deposited at FIZ Karlsruhe and are given as Supporting Information.

We are thankful to Michael Hülsen for indicating the inconsistencies in Table 1.

Table 1. Selected Structural Data of Modifications of EuC_2[a]

	EuC_2-I	EuC_2-II	EuC_2-III
T/K	298	638	648
space group, Z	$C2/c$, 4	$I4/mmm$, 2	$Fm\bar{3}m$, 4
unit cell	a = 700.75(2) pm	a = 415.00(2) pm	a = 613.79(4) pm
	b = 440.98(1) pm		
	c = 759.10(2) pm	c = 662.73(3) pm	
	β = 106.918(2)°		
	V = 0.22442(2) nm^3	V = 0.11414(1) nm^3	V = 0.23124(5) nm^3
atomic coordinates	Eu 4e 0 0.1828(2) $^1/_4$	Eu 2a 0 0 0	Eu 4a 0 0 0
	C 8f 0.283(1) 0.151(1) 0.0541(9)	C 4e 0 0 0.4120(5)	C[b] 4b $^1/_2$ $^1/_2$ $^1/_2$
distances (pm)			
Eu−C	281.8(1) 2×	273.1(4) 2×	
	288.9(1) 2×	299.18(7) 8×	
	290.0(2) 2×		
	296.0(2) 2×		
	313.1(1) 2×		
C−C	119.7(1)[c]	116.6(7)[c]	

[a] Further details of the crystal-structure investigations may be obtained from the Fachinformationzentrum Karlsruhe, D-76344 Eggenstein-Leopoldshafen, Germany, on quoting the depository numbers CSD-380495 (EuC_2-I, 298 K), CSD-380496 (EuC_2-II, 638 K), and CSD-380497 (EuC_2-III, 648 K) (http://www.fiz-karlsruhe.de/). [b] Disordered C_2 dumbbell refined with occ. = 2. [c] Using soft constraints.

■ ASSOCIATED CONTENT

Supporting Information. Crystallographic data in CIF format. This material is available free of charge via the Internet at http://pubs.acs.org.

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