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Structure of [Co(C₄H₅NO₄)(C₁₆H₃₆N₄)]ClO₄·2·5H₂O. Corrigendum. By SEI TSUBOYAMA and KAORU TSUBOYAMA, *The Institute of Physical and Chemical Research, Wako, Saitama 351-01, Japan*, and TOSIO SAKURAI, *Faculty of Education, Shinshu University, Nishinagano, Nagano 380, Japan*

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Abstract

The structure of this compound was reported as triclinic, *P*1, with four molecules in the unit cell [Tsuboyama, Tsuboyama & Sakurai (1989). *Acta Cryst.* C45, 669–672]. It should be described as monoclinic, space group *C*2, with $a' = 17.819$ (6), $b' = 10.958$ (6), $c' = 29.701$ (10) Å, $\beta' = 91.46$ (4)°, $U' = 5798$ (4) Å³, $Z' = 8$, with two independent molecules in the unit cell.

The vectors describing the new cell are $[\bar{1}01]$, $[010]$ and $[011]$. The corresponding coordinate transformations are: $x' = \frac{1}{2}(-x - y + z) + 0.19$, $y' = 1/2(x - y + z)$, $z' = y - 0.29$. The structure was refined in the new space group. Details of the reported structure are little changed. The new coordinates are given in Table 1.*

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* Lists of H-atom coordinates, anisotropic thermal parameters and structure factors have been deposited with the British Library Document Supply Centre as Supplementary Publication No. SUP 52289 (40 pp.). Copies may be obtained through The Technical Editor, International Union of Crystallography, 5 Abbey Square, Chester CH1 2HU, England.

Table 1. Atomic parameters

Positional parameters are multiplied by 10⁴. The equivalent isotropic temperature factor is defined by $B_{eq} = (4/3)\sum_i \beta_i a_i^2$.

	<i>x</i>	<i>y</i>	<i>z</i>	<i>B</i> _{eq} (Å ²)
Co	3634 (1)	0	1509 (0.4)	3.3
N(1)	4605 (4)	-833 (8)	1502 (2)	3.4
C(2)	5168 (5)	-100 (13)	1229 (3)	4.4
C(3)	4749 (5)	834 (11)	934 (3)	4.4
N(4)	4109 (4)	1330 (8)	1196 (2)	3.7
C(5)	3523 (5)	2016 (13)	910 (3)	5.0
C(6)	2831 (6)	2070 (13)	1215 (3)	5.1
N(7)	2675 (4)	823 (9)	1369 (3)	4.3
C(8)	2203 (5)	51 (16)	1040 (3)	6.0
C(9)	2601 (6)	-1182 (15)	963 (3)	6.5
N(10)	3421 (4)	-876 (10)	943 (2)	4.6
C(11)	3966 (6)	-1923 (14)	878 (3)	5.8
C(12)	4435 (6)	-2060 (12)	1307 (4)	5.2
C(2)1	5749 (5)	449 (12)	1555 (3)	4.6
C(2)2	6309 (6)	-483 (15)	1744 (4)	6.6
C(5)1	3784 (7)	3287 (14)	779 (4)	6.3
C(5)2	4213 (11)	3352 (21)	374 (7)	12.0
C(8)1	1397 (8)	-117 (25)	1209 (4)	11.9
C(8)2	885 (13)	-349 (29)	924 (9)	15.0
C(11)1	3667 (8)	-3125 (16)	699 (5)	7.8
C(11)2	3572 (13)	-3232 (21)	246 (6)	13.2
N(13)	3817 (3)	758 (8)	2106 (2)	3.2

Table 1 (cont.)

	<i>x</i>	<i>y</i>	<i>z</i>	<i>B</i> _{eq} (Å ²)
C(14)	3593 (4)	-69 (11)	2477 (3)	3.6
C(15)	3026 (5)	-1003 (10)	2270 (3)	3.7
O(15)	2575 (3)	-1538 (7)	2514 (2)	4.4
O(16)	3115 (3)	-1210 (7)	1855 (2)	3.9
O(14)1	3320 (5)	574 (12)	2884 (3)	4.5
C(17)	4299 (5)	-883 (10)	2629 (3)	3.6
O(17)1	4179 (4)	-1759 (8)	2882 (2)	4.8
O(17)2	4925 (3)	-551 (7)	2483 (2)	4.7
Co'	7023 (1)	-4426 (2)	-3503 (0.4)	4.3
N(1)'	7392 (4)	-6094 (10)	-3541 (3)	5.0
C(2)'	8166 (6)	-6126 (13)	-3757 (4)	5.4
C(3)'	8353 (5)	-4943 (14)	-3957 (3)	5.1
N(4)'	8022 (4)	-3918 (9)	-3667 (3)	4.1
C(5)'	7990 (6)	-2684 (13)	-3896 (4)	5.9
C(6)'	7427 (7)	-1992 (13)	-3623 (4)	6.0
N(7)'	6706 (5)	-2743 (10)	-3610 (3)	5.3
C(8)'	6260 (8)	-2677 (17)	-4048 (4)	7.9
C(9)'	5977 (7)	-3905 (20)	-4185 (4)	9.5
N(10)'	6644 (4)	-4749 (12)	-4117 (3)	6.1
C(11)'	6566 (7)	-6072 (15)	-4211 (3)	6.8
C(12)'	6796 (6)	-6798 (14)	-3790 (4)	6.2
C(2)1'	8751 (6)	-6608 (14)	-3411 (4)	5.9
C(2)2'	8705 (8)	-7969 (15)	-3351 (4)	7.1
C(5)1'	8754 (9)	-2083 (17)	-3941 (6)	8.8
C(5)2'	9057 (12)	-1452 (35)	-3602 (9)	18.4
C(8)1'	5655 (9)	-1632 (24)	-4010 (5)	11.5
C(8)2'	5263 (13)	-1392 (32)	-4422 (8)	17.0
C(11)1'	5788 (8)	-6475 (22)	-4386 (6)	11.1
C(11)2'	5759 (12)	-7753 (28)	-4523 (7)	14.5
N(13)'	7240 (4)	-4170 (8)	-2852 (2)	3.5
C(14)'	6662 (4)	-4807 (10)	-2567 (3)	3.5
C(15)'	5945 (5)	-4924 (12)	-2870 (3)	3.9
O(15)'	5337 (3)	-5107 (9)	-2700 (2)	5.3
O(16)'	6047 (3)	-4884 (9)	-3297 (2)	5.2
C(14)1'	6533 (5)	-4087 (10)	-2142 (3)	4.1
C(17)'	6939 (5)	-6104 (10)	-2454 (3)	3.8
O(17)1'	6536 (4)	-6711 (8)	-2201 (3)	5.6
O(17)2'	7551 (4)	-6463 (7)	-2603 (2)	4.6
Cl	3399 (2)	25 (5)	-327 (1)	7.9
O(Cl)1	2896 (6)	-4 (17)	35 (3)	11.6
O(Cl)2	3251 (8)	-830 (19)	-641 (4)	17.6
O(Cl)3	4075 (7)	-141 (17)	-114 (4)	13.0
O(Cl)4	3331 (8)	1095 (17)	-553 (5)	15.4
Cl'	2110 (4)	815 (6)	4704 (1)	13.4
O(Cl)1'	2528 (7)	948 (19)	5062 (3)	13.9
O(Cl)2'	2422 (8)	771 (15)	4291 (3)	12.6
O(Cl)3'	1514 (11)	285 (22)	4761 (5)	20.0
O(Cl)4'	2004 (11)	2086 (22)	4784 (6)	19.3
O(W)1	-219 (4)	-1917 (9)	1810 (3)	6.6
O(W)2	6891 (3)	-3527 (8)	2180 (2)	4.8
O(W)3	981 (4)	-1542 (9)	2428 (3)	7.2
O(W)4	6062 (4)	1037 (7)	2810 (2)	4.9
O(W)5	5348 (4)	-3138 (8)	2247 (3)	5.8

Reference

TSUBOYAMA, S., TSUBOYAMA, K. & SAKURAI, T. (1989). *Acta Cryst.* C45, 669–672.