

[Bis(2-pyridyl)amine-*N,N'*](nitrate-*O,O'*)cobalt(II) nitrate. Corrigendum

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Key indicators: single-crystal X-ray study; $T = 293$ K; mean $\sigma(\text{C}-\text{C}) = 0.004$ Å; R factor = 0.031; wR factor = 0.076; data-to-parameter ratio = 12.8.

The chemical name and formula in the paper by Castillo, Luque, De la Pinta & Román [*Acta Cryst.* (2001), **E57**, m384–m386] is corrected.

In the paper by Castillo, Luque, De la Pinta & Román (2001), the ligand reported as nitrate should be carbonate and the oxidation state of the cobalt metal atom should be Co^{III} rather than Co^{II} , thus making the correct chemical composition $[\text{Co}(\text{CO}_3)(\text{C}_{10}\text{H}_9\text{N}_3)_2]\text{NO}_3$ and the correct chemical name '[Bis(2-pyridyl)amine- $\kappa^2\text{N,N}'$](carbonato- $\kappa^2\text{O,O}'$)cobalt(III) nitrate'.

Experimental

Crystal data

$[\text{Co}(\text{CO}_3)(\text{C}_{10}\text{H}_9\text{N}_3)_2]\text{NO}_3$
 $M_r = 523.35$
 Monoclinic, $P2_1/n$
 $a = 17.191$ (3) Å
 $b = 7.3080$ (10) Å
 $c = 17.843$ (5) Å
 $\beta = 104.94$ (3)°

$V = 2165.9$ (8) Å³
 $Z = 4$
 Mo $K\alpha$ radiation
 $\mu = 0.85$ mm⁻¹
 $T = 293$ K
 $0.42 \times 0.20 \times 0.08$ mm

Data collection

Stoe IPDS diffractometer
 Absorption correction: numerical
 (Stoe & Cie, 1998)
 $T_{\min} = 0.815$, $T_{\max} = 0.934$

14084 measured reflections
 4037 independent reflections
 2598 reflections with $I > 2\sigma(I)$
 $R_{\text{int}} = 0.048$

Refinement

$R[F^2 > 2\sigma(F^2)] = 0.031$
 $wR(F^2) = 0.076$
 $S = 0.82$
 4037 reflections

316 parameters
 H-atom parameters constrained
 $\Delta\rho_{\max} = 0.37$ e Å⁻³
 $\Delta\rho_{\min} = -0.31$ e Å⁻³

Data collection, cell refinement and data reduction: *IPDS Software* (Stoe & Cie, 1998); program(s) used to solve structure: *SIR92* (Altomare *et al.*, 1993); program(s) used to refine structure: *SHELXL93* (Sheldrick, 1993).

Supplementary data and figures for this paper are available from the IUCr electronic archives (Reference: BT9068).

References

- Altomare, A., Cascarano, G., Giacovazzo, C. & Guagliardi, A. (1993). *J. Appl. Cryst.* **26**, 343–350.
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