

CORRECTION

[View Article Online](#)
[View Journal](#) | [View Issue](#)

Cite this: *Dalton Trans.*, 2024, **53**, 3415

Correction: ^{57}Fe Mössbauer spectroscopy and high-pressure structural analysis for the mechanism of pressure-induced unique magnetic behaviour in (cation)[$\text{Fe}^{\text{II}}\text{Fe}^{\text{III}}(\text{dto})_3$] (cation = Ph_4P and $^n\text{PrPh}_3\text{P}$; dto = 1,2-dithiooxalato)

Ryosuke Taniai,^a Tsubasa Endo,^a Takuya Kanetomo,^{*a} Atsushi Okazawa,^b Hirokazu Kadobayashi,^c Saori I. Kawaguchi^c and Masaya Enomoto^{*a}

DOI: 10.1039/d4dt90013h
rsc.li/dalton

Correction for ' ^{57}Fe Mössbauer spectroscopy and high-pressure structural analysis for the mechanism of pressure-induced unique magnetic behaviour in (cation)[$\text{Fe}^{\text{II}}\text{Fe}^{\text{III}}(\text{dto})_3$] (cation = Ph_4P and $^n\text{PrPh}_3\text{P}$; dto = 1,2-dithiooxalato)' by Ryosuke Taniai *et al.*, *Dalton Trans.*, 2023, **52**, 8368–8375.

The authors regret that several errors were published in the original article. The correct details are given below.

In the first paragraph of "Synthetic procedures" on page 8369, " $\text{C}_{30}\text{H}_{20}\text{Fe}_2\text{O}_6\text{PS}_6$ " should read " $\text{C}_{27}\text{H}_{22}\text{Fe}_2\text{O}_6\text{PS}_6$ ".

In the third paragraph of the section "Crystal structures" on page 8370, the sentence "the nearest $\text{C6}\cdots\text{S2}^b$ and $\text{C7}\cdots\text{O2}^c$ distances were 3.62(3) and 3.28(3) Å, respectively", should read "the nearest $\text{C6}\cdots\text{S2}^b$ and $\text{C4}\cdots\text{O1}^a$ distances were 3.62(3) and 3.26(3) Å, respectively".

In addition, the authors regret that an incorrect version of Fig. 2 was included in the original article. The correct version of Fig. 2 is presented here.

^aTokyo University of Science, 1-3 Kagurazaka, Shinjuku-ku, Tokyo 162-8601, Japan. E-mail: enomoto.masaya@rs.tus.ac.jp

^bWaseda University, 3-4-1 Okubo, Shinjuku-ku, Tokyo 169-8555, Japan

^cJapan Synchrotron Radiation Research Institute (JASRI), SPring-8, Sayo, Hyogo 679-5198, Japan



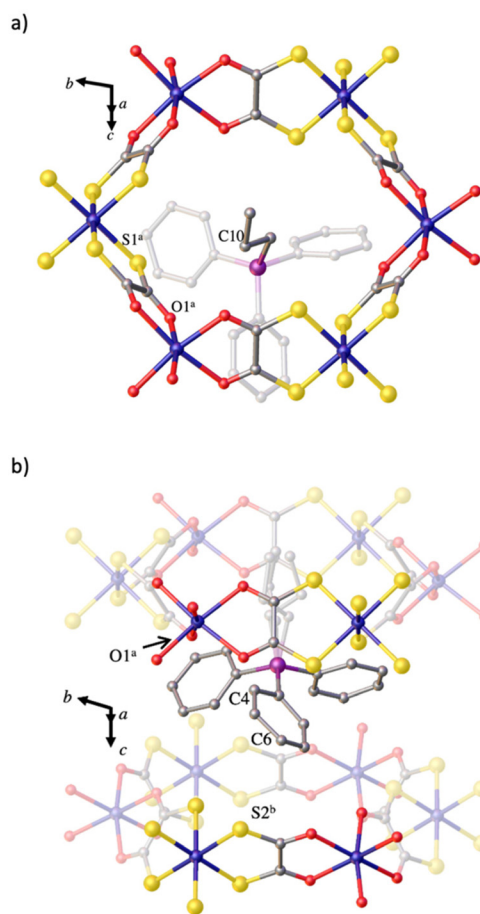


Fig. 2 (a) Coordination environment of O₆ and S₆ atoms for the two Fe ions in **3**. Colour codes: gray, red, yellow, purple and navy represent C, O, S, P, and Fe atoms, respectively. A 2-D honeycomb layer in the *ab* plane is shown. (b) Layered structure along the *c* axis. One side of two disordered configurations is shown in the *PrPh₃P* position. Symmetry codes: (a) $1 + x, 1 + y, +z$; (b) $1 + y, 1 - x + y, 1/2 + z$.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

