

Erratum

Understanding the reaction that powers this world: Biomimetic studies of respiratory O_2 reduction by cytochrome oxidase. (R. Boulatov). *Pure Appl. Chem.* **76**, 303–319 (2004).

As was drawn to my attention by Prof. Y. Naruta (Institute for Fundamental Research of Organic Chemistry, Kyushu University, Japan; <naruta@ms.ifoc.kyushu-u.ac.jp>), the chemical structure in original Fig. 5 erroneously omitted 3-methyl groups from the distal pyridines and showed an ether rather than the correct amide linker between the porphin and the distal superstructure. In addition, the caption did not make it sufficiently clear that the O_2 adduct is a monocation, whose counterion, BF_4^- , was omitted for clarity. The corrected version of Fig. 5 with the caption is below.

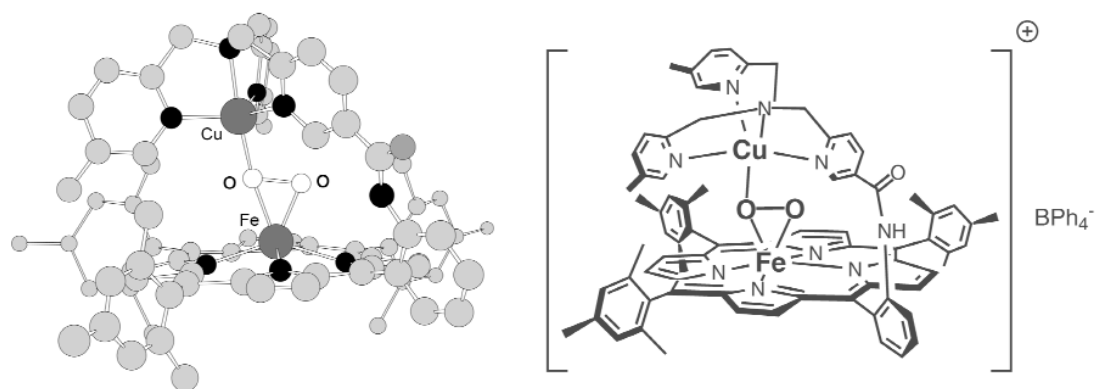


Fig. 1 The crystal and chemical structures of an O_2 adduct of a simplified heme/ Cu_B analog, which lacks the proximal imidazole to Fe and the tris-imidazole coordination environment of Cu [36]. Coordinated O_2^{2-} is white; C atoms are light grey, N atoms are black, and Fe and Cu ions are dark grey. The representation of the crystal structure was generated from coordinates in CCDC; the hydrogen atoms and the BPh_4^- anion are omitted for clarity.