Supplementary Material

A new dinuclear heme-copper complex derived from functionalized protoporphyrin IX

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Table 1S. Electronic spectral data for compounds **1-8** in DMF solution.

Compound	λ_{max}/ nm (ε, $dm^3\ mol^{-1}\ cm^{-1}$)
$[(^2L)Fe^{III}]^+$ (1)	278 (72000), 284 (68500), 400 (140000), 575 (18000); 610 (13000)
$[(^2L)Fe^{III}Cu^{II}]^{3+}$ (2)	278 (66000), 284 (64000), 400 (140000), 575 (16500), 610 (12000)
$[(^2L)Fe^{II}CO]$ (3)	278 (72000), 284 (71000), 418 (168000), 535 (18500); 568 (18000)
$[(^2L)Fe^{II}COCu^{I}]^+$ (4)	278 (80000), 284 (78000), 418 (175000), 542 (16000), 574 (19000)
$[(^2L)Fe^{II}(O_2)]$ (5)	278 (190000), 284 (160000), 412 (141500), 539 (20000); 575 (19500)
$[(^2L)Fe^{II}Cu^{I}(O_2)]^+$ (6)	278 (112000), 284 (105000), 414 (144000), 542 (16600), 577 (19700)
$[(^2L)Fe^{III}(OOH)]$ (7)	278 (51000), 284 (48000), 412 (146500), 538 (14100), 576 (11300)
$[(^2L)Fe^{III}Cu^{II}(O_2^{2-})]^+$ (8)	278 (107000), 284 (96000), 412 (140900), 548 (19700), 578 (22500)

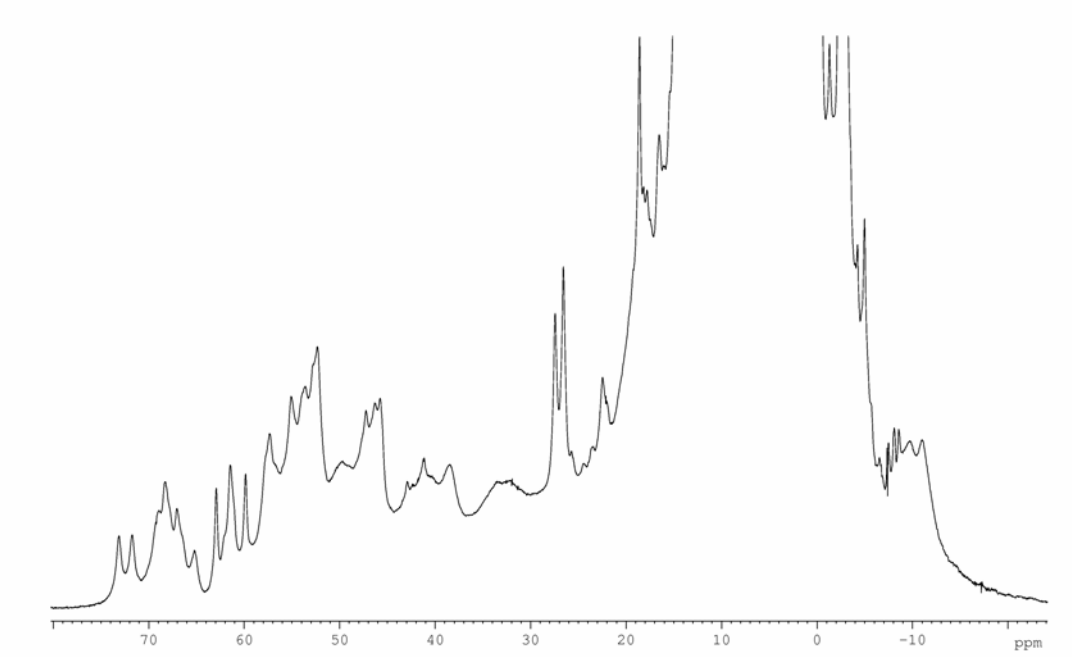

Figure 1S. Proton NMR spectrum of compound **1** in DMSO-d_6 at 298 K. The spectrum was recorded acquiring 2K scans, with a 80000 Hz spectral window and 1 s delay after each scan.