

Article

Synthesis, Crystal Structures, and Magnetic Properties of Mixed-Valent Tetranuclear Complexes with Y-Shaped $\text{Mn}^{\text{II}}_2\text{Mn}^{\text{III}}_2$ Core

Masahiro Mikuriya ^{1,*}, Satoshi Kurahashi ¹, Seiki Tomohara ¹, Yoshiki Koyama ¹, Daisuke Yoshioka ¹, Ryoji Mitsunashi ¹ and Hiroshi Sakiyama ²

¹ Department of Applied Chemistry for Environment and Reserach Center for Coordination Molecule-based Devices, School of Science and Technology, Kwansei Gakuin University, 2-1 Gakuen, Sanda 669-1337, Japan; kurahashi@kawakami-paint.co.jp (S.K.) ayg83493@gmail.com (S.T.); rakuraku0194@gmail.com (Y.K.); yoshi0431@gmail.com (D.Y.); mitsunashi@kwansei.ac.jp (R.M.)

² Department of Science, Faculty of Science, Yamagata University, 1-4-12 Kojirakawa, Yamagata 990-8560, Japan; saki@sci.kj.yamagata-u.ac.jp

* Correspondence: junpei@kwansei.ac.jp; Tel.: +81-79-565-8365

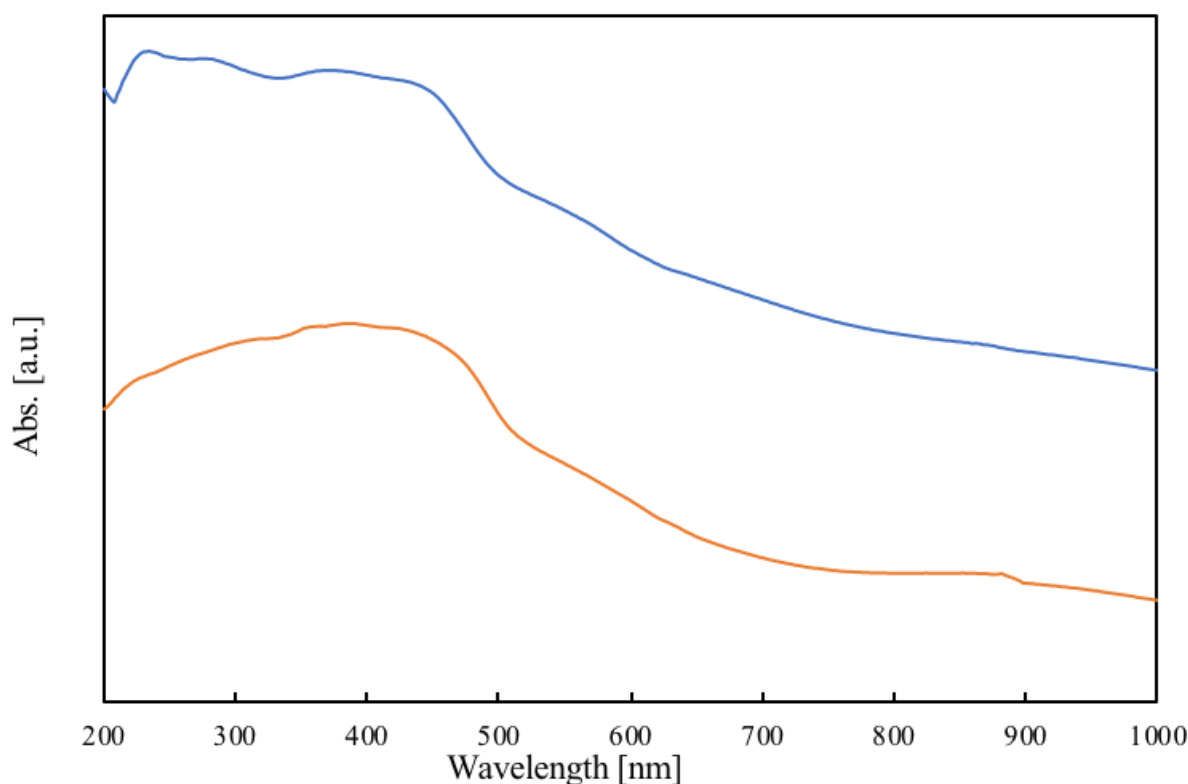


Figure S1. Diffused reflectance spectra of $[\text{Mn}_4(\text{bmsap})_2(\text{CH}_3\text{CO}_2)_3(\text{CH}_3\text{O})]$ (3) (upper) and $[\text{Mn}_4(\text{cmsap})_2(\text{CH}_3\text{CO}_2)_3(\text{CH}_3\text{O})]$ (4) (lower).