Accepted Manuscript

Research paper

Syntheses and structures of some complexes containing $M_3(\mu\text{-dppm})_3$ moieties (M = Cu, Ag) linking $C_4\{M'L_x\}$ groups $[M'L_x = Re(CO)_3(Bu^t_2\text{-bpy}), Ru(dppe)Cp*]$

Michael I. Bruce, Benjamin G. Ellis, Jean-François Halet, Boris Le Guennic, Brian K. Nicholson, Hiba Sahnoune, Nancy Scoleri, Brian W. Skelton, Alexandre N. Sobolev, Christopher J. Sumby, Allan H. White, Natasha N. Zaitseva

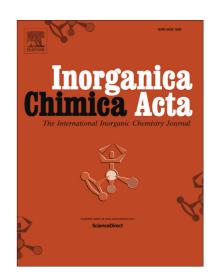
PII: S0020-1693(16)30521-7

DOI: http://dx.doi.org/10.1016/j.ica.2016.09.017

Reference: ICA 17262

To appear in: Inorganica Chimica Acta

Received Date: 28 June 2016
Revised Date: 6 September 2016
Accepted Date: 9 September 2016



Please cite this article as: M.I. Bruce, B.G. Ellis, J-F. Halet, B. Le Guennic, B.K. Nicholson, H. Sahnoune, N. Scoleri, B.W. Skelton, A.N. Sobolev, C.J. Sumby, A.H. White, N.N. Zaitseva, Syntheses and structures of some complexes containing $M_3(\mu\text{-dppm})_3$ moieties (M = Cu, Ag) linking $C_4\{M'L_x\}$ groups $[M'L_x = Re(CO)_3(Bu^t_2\text{-bpy}), Ru(dppe)Cp*]$, *Inorganica Chimica Acta* (2016), doi: http://dx.doi.org/10.1016/j.ica.2016.09.017

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Syntheses and structures of some complexes containing $M_3(\mu\text{-dppm})_3$ moieties (M = Cu, Ag) linking $C_4\{M'L_x\}$ groups [M'L_x = Re(CO)_3(Bu^t_2\text{-bpy}), Ru(dppe)Cp*]

Michael I. Bruce^{a,*}, Benjamin G. Ellis^a, Jean-François Halet^c, Boris Le Guennic^c, Brian K. Nicholson^d, Hiba Sahnoune^c, Nancy Scoleri^a, Brian W. Skelton^{b,e}, Alexandre N. Sobolev^b, Christopher J. Sumby^a, Allan H. White^{b,†}, Natasha N. Zaitseva^a

^a Department of Chemistry, School of Physical Sciences, University of Adelaide, South Australia 5005

^b School of Chemistry and Biochemistry, M313, The University of Western Australia, Crawley, Western Australia 6009

^c Institut des Sciences Chimiques de Rennes, UMR 6226 CNRS - Université de Rennes 1, F-35042 Rennes cedex, France

^d Department of Chemistry, University of Waikato, Hamilton, New Zealand

^e Current address: Centre for Microscopy, Characterization and Analysis, M010, The University of Western Australia, Crawley, Western Australia 6009, Australia

Received: July 2016

* Corresponding author: Tel: +61 8 8313 5939; E-mail: michael.bruce@adelaide.edu.au

† Deceased 26 Mar 2016

Keywords: Trinuclear complexes; molecular wires; Group 11; rhenium; ruthenium; diynyl

Download English Version:

https://daneshyari.com/en/article/7751080

Download Persian Version:

https://daneshyari.com/article/7751080

<u>Daneshyari.com</u>