

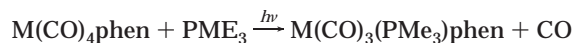
Additions and Corrections

1997, Volume 16

Wen-Fu Fu and Rudi van Eldik*: Photosubstitution Reactions of $M(\text{CO})_4(1,10\text{-phenanthroline})$ ($M = \text{Mo}, \text{W}$). Influence of Entering Ligand, Irradiation Wavelength, and Pressure.

Page 576. Some of the column heads were inadvertently left out of Table 3. The table should appear as follows.

Table 3. Summary of ϕ_{LF} and b as a Function of Irradiation Wavelength, Metal, and Pressure for the Reaction



Mo(CO) ₄ phen ^a				
pressure, MPa	$\lambda_{\text{irr}} = 336 \text{ nm}$		$\lambda_{\text{irr}} = 366 \text{ nm}$	
	$\phi_{\text{LF}} \times 10^2$	$b \times 10$	$\phi_{\text{LF}} \times 10^2$	$b \times 10$
0.1	5.26 ± 0.42	5.12 ± 0.65	4.08 ± 0.92	5.34 ± 1.40
50	3.33 ± 0.70	8.82 ± 1.07	2.99 ± 0.83	8.38 ± 1.26
100	2.48 ± 0.23	11.64 ± 0.35	3.16 ± 1.28	9.47 ± 1.94
150	2.06 ± 0.53	14.02 ± 0.81	1.93 ± 1.47	13.53 ± 2.24
ΔV^\ddagger (cm ³ mol ⁻¹)	+15.4 ± 2.1	-16.4 ± 2.9	+10.9 ± 3.5	-14.4 ± 2.1

W(CO) ₄ phen ^b				
pressure, MPa	$\lambda_{\text{irr}} = 366 \text{ nm}$		$\lambda_{\text{irr}} = 436 \text{ nm}$	
	$\phi_{\text{LF}} \times 10^2$	$b \times 10$	$\phi_{\text{LF}} \times 10^4$	$b \times 10$
0.1	1.18 ± 0.18	1.85 ± 0.27	4.17 ± 7.07	1.40 ± 0.11
50	1.00 ± 0.14	2.07 ± 0.21	3.06 ± 12.5	1.92 ± 0.19
100	0.80 ± 0.09	2.46 ± 0.14	2.62 ± 7.99	2.29 ± 0.12
150	0.61 ± 0.01	2.85 ± 0.02	1.95 ± 6.61	2.65 ± 0.10
ΔV^\ddagger (cm ³ mol ⁻¹)	+10.9 ± 0.8	-7.3 ± 0.4	+12.1 ± 1.0	-10.4 ± 1.4

^a Conditions: $[\text{M}] = 2.48 \times 10^{-4} \text{ M}$; solvent toluene; $T = 298 \text{ K}$.

^b Conditions: $[\text{M}] = 2.42 \times 10^{-4} \text{ M}$; solvent toluene; $T = 298 \text{ K}$.

OM9807295

10.1021/om9807295

Published on Web 10/08/98

1998, Volume 17

Shigeki Kuwata, Masahiro Andou, Kohjiro Hashizume, Yasushi Mizobe, and Masanobu Hidai*: Structures and Reactivities of Diruthenium Dithiolene Complexes and Triruthenium Sulfido Clusters Derived from a Hydrosulfido-Bridged Diruthenium Complex.

Page 3433. Bond distances for 7·THF in Table 2 should read as follows: Ru(1)–Ru(2), 2.8653(6); Ru(1)–Ru(3), 2.8158(6); Ru(2)–Ru(3), 2.7939(6).

OM9807203

10.1021/om9807203

Published on Web 09/30/98