Additions and Corrections

1997, Volume 16

Wen-Fu Fu and Rudi van Eldik*: Photosubstitution Reactions of $M(CO)_4$(1,10-phenanthroline) (M = Mo, 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

$$M(CO)_4phen + PME_3 \xrightarrow{h\nu} M(CO)_3(PMe_3)phen + CO$$

$Mo(CO)_4phen$[a]

pressure, MPa	λ_{irr} = 336 nm		λ_{irr} = 366 nm	
	$\phi_{LF} \times 10^2$	$b \times 10$	$\phi_{LF} \times 10^2$	$b \times 10$
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
$\Delta V^{\ddagger}$ (cm^3 mol^{-1})	+15.4 ± 2.1	−16.4 ± 2.9	+10.9 ± 3.5	−14.4 ± 2.1

$W(CO)_4phen$[b]

pressure, MPa	λ_{irr} = 366 nm		λ_{irr} = 436 nm	
	$\phi_{LF} \times 10^2$	$b \times 10$	$\phi_{LF} \times 10^4$	$b \times 10$
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
$\Delta V^{\ddagger}$ (cm^3 mol^{-1})	+10.9 ± 0.8	−7.3 ± 0.4	+12.1 ± 1.0	−10.4 ± 1.4

[a] Conditions: [M] = 2.48×10^{-4} M; solvent toluene; T = 298 K. [b] Conditions: [M] = 2.42×10^{-4} M; solvent toluene; T = 298 K.

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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).

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