JACS
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY

Subscriber access provided by ISTANBUL TEKNIK UNIV

Addition/Correction

A Meta Effect in Organic Photochemistry? The Case of S1 Reactions in Methoxyphenyl Derivatives [*J. Am. Chem. Soc.* 2007, *129*, 5605–5611].

Valentina Dichiarante, Daniele Dondi, Stefano Protti, Maurizio Fagnoni, and Angelo Albini

J. Am. Chem. Soc., **2007**, 129 (37), 11662-11662• DOI: 10.1021/ja075050j • Publication Date (Web): 22 August 2007

Downloaded from http://pubs.acs.org on February 14, 2009

More About This Article

Additional resources and features associated with this article are available within the HTML version:

- Supporting Information
- Links to the 1 articles that cite this article, as of the time of this article download
- Access to high resolution figures
- Links to articles and content related to this article
- Copyright permission to reproduce figures and/or text from this article

View the Full Text HTML

ACS Publications
High quality. High impact.

Journal of the American Chemical Society is published by the American Chemical Society. 1155 Sixteenth Street N.W., Washington, DC 20036

J|A|C|S
ADDITIONS AND CORRECTIONS

A Class of Luminescent Cyclometalated Alkynylgold(III) Complexes: Synthesis, Characterization, and Electrochemical, Photophysical, and Computational Studies of [Au(C^N^C)(C≡C−R)] (C^N^C = κ^3C,N,C Bis-cyclometalated 2,6-Diphenylpyridyl) [*J. Am. Chem. Soc.* **2007**, *129*, 4350−4365]. Keith Man-Chung Wong, Ling-Ling Hung, Wai Han Lam, Nianyong Zhu, and Vivian Wing-Wah Yam*

Pages 4358, 4360, and 4361. Due to a production error, some of the subscript notation did not appear properly in the Computational Studies section, including Tables 6 and 7, in the versions of this article published on the Web on March 16, 2007 (ASAP), and in the April 11, 2007 issue (Vol. 129, No. 14, pp 4350−4365). The corrected electronic versions were published on August 28, 2007.

JA0768993

10.1021/ja0768993
Published on Web 09/12/2007

A Meta Effect in Organic Photochemistry? The Case of S_N1 Reactions in Methoxyphenyl Derivatives [*J. Am. Chem. Soc.* **2007**, *129*, 5605−5611]. Valentina Dichiarante, Daniele Dondi, Stefano Protti, Maurizio Fagnoni, and Angelo Albini*

Page 5608. Errors have been found in Table 3. The correct values of the fluorescence quantum yield of the methoxyphenyl chlorides and phosphates are reported below.

Table 3. Some Key Photophysical Parameters for Methoxyphenyl Chlorides and Phosphates

	Φ_{fluo}[a]	τ_{fluo}, ns[a]	E_T, kcal/mol[b]
2a	0.0003		80
3a	0.019, *.024*	1.55, *1.41*	80
1b	0.012, *.048*	2.04, *1.66*	81
2b	0.022, *.064*	2.46, *2.32*	82
3b	0.042, *.051*	1.92, *1.90*	81

[a] In methanol, in italic in cyclohexane; the values in acetonitrile are intermediate. [b] From the phosphorescence in ethyl ether/pentane/ethyl alcohol at 77 K.

JA075050J

10.1021/ja075050j
Published on Web 08/22/2007

Thermodynamics of Xenon Binding to Cryptophane in Water and Human Plasma [*J. Am. Chem. Soc.* **2007**, *129*, 9262−9263]. P. Aru Hill, Qian Wei, Roderic G. Eckenhoff, and Ivan J. Dmochowski*

Page 9262. Equation 2 should read

$$\frac{[\mathrm{Xe@}\mathbf{1}]}{[\mathrm{Xe@}\mathbf{1}] + [\mathbf{1}]} = \frac{[\mathrm{Xe}]}{[\mathrm{Xe}] + K_D}$$

where the left side of the equation indicates the fraction of **1** in solution that is bound by xenon. This fractional occupancy was measured as a function of xenon concentration ([Xe]) by steady-state fluorometry (as shown in Figure 1 in the paper), and the data were fit by eq 2 in order to calculate the dissociation constant (K_D) for xenon binding to **1**. We thank Patrick Berthault for bringing this typographical error to our attention.

JA075845Q

10.1021/ja075845q
Published on Web 08/28/2007

10.1021/ja0768993 CCC: $37.00 © 2007 American Chemical Society