

Adiabatic and Non-adiabatic Concerted Proton– Electron Transfers. Temperature Effects in the Oxidation of Intramolecularly Hydrogen-Bonded Phenols [*J. Am. Chem. Soc.* 2007, *129*, 9953–9963]. Cyrille Costentin, Marc Robert, and Jean-Michel Savéant*

Page 9960. The standard free energy, enthalpy, and entropy of the reaction have been introduced in an unusual and confusing manner through

$$\Delta G^0 = F(E^0_{\mathbf{A}^{\bullet+//A}} - E^0_{\mathbf{2}^{\bullet+//2}}) = \Delta H^0 - T\Delta S^0$$

With the standard definitions,

$$\Delta G^{0} = -F(E^{0}_{A^{\bullet+/A}} - E^{0}_{2^{\bullet+/2}}) = \Delta H^{0} - T\Delta S^{0}$$

The values found for ΔH^0 and ΔS^0 are consequently opposite to those originally reported:

$$\Delta H^0 = 0.103 \pm 0.059 \,\mathrm{eV}$$

$$\Delta S^0 = 0.418 \pm 0.21 \text{ meV/K}$$

and eq 25 becomes

$$\ln\left(\frac{k}{\sqrt{T}}\right) = \ln\left(N_{A}\chi d^{2}\sqrt{\frac{8\pi R}{M}}\right) + \frac{\Delta S^{0}}{2R} - \frac{\lambda/4 + \Delta H^{0}/2 + \Delta ZPE}{RT} \quad (25)$$

With this double correction, the ensuing values of λ and χ remain unchanged.

Acknowledgment. We thank Prof. Leif Hammarström (Uppsala University, Sweden) for drawing our attention to this point.

JA100377G

10.1021/ja100377g Published on Web 02/09/2010 Polyvalent Oligonucleotide Gold Nanoparticle Conjugates as Delivery Vehicles for Platinum(IV) Warheads [J. Am. Chem. Soc. 2009, 131, 14652-14653]. Shanta Dhar, Weston L. Daniel, David Α. Giljohann, Chad Α. Mirkin.* and Stephen J. Lippard*

Page 14653. The legend for Figure 2 should read as follows:

Figure 2. Cytotoxicity profiles of Pt-DNA-Au NP (red circles), cisplatin (black squares), and **1** (green triangles) in A549 cells and Pt-DNA-Au NP (black squares), cisplatin (red circles), and **1** (green triangles) with U2OS, HeLa, and PC3 cells.

JA100560G

10.1021/ja100560g Published on Web 02/09/2010

Noncovalent Cell Surface Engineering with Cationic Graft Copolymers [*J. Am. Chem. Soc.* 2009, *131*, 18228–18229]. John T. Wilson, Venkata R. Krishnamurthy, Wanxing Cui, Zheng Qu, and Elliot L. Chaikof*

A paper by Geert-Jans Boons and co-workers,¹ which describes the synthesis and characterization of the cyclooctyne employed in this work, should have been cited in the main body of the text.

Literature Cited

 Ning, X.; Guo, J.; Wolfert, M. A.; Boons, G.-J. Angew. Chem., Int. Ed. 2008, 47, 2253–2255.

JA9109264

10.1021/ja9109264 Published on Web 02/03/2010