

Evaluation of Norcarane as a Probe for Radicals in Cytochrome P450- and Soluble Methane Monooxygenase-Catalyzed Hydroxylation Reactions [*J. Am. Chem. Soc.* **2002**, *124*, 6879–6886]. Martin Newcomb,* Runnan Shen, Yun Lu, Minor J. Coon,* Paul F. Hollenberg,* Daniel A. Kopp, and Stephen J. Lippard*

In work related to this paper, we recently discovered that norcarane is oxidized to 2-norcarene and 3-norcarene in desaturase reactions catalyzed by cytochrome P450 and diiron-containing enzymes, including some of the P450 enzymes and the sMMO enzyme used in this study. Further oxidation of the resultant norcarenes gives several secondary metabolites, at least two of which can co-elute in GC analyses with (2-cyclohexenyl)-methanol (3), the putative radical product from oxidations of norcarane. The yields of 3 reported in the paper (0.2–2.6%) are generous upper limits. Details of the new reactions will be published independently. The conclusion in the paper that long-lived radical intermediates are not detected in enzyme-catalyzed oxidations of norcarane is reinforced by the new findings.

JA0599216

10.1021/ja0599216 Published on Web 01/06/2006

Organogermanium Reactive Intermediates. The Direct Detection and Characterization of Transient Germylenes and Digermenes in Solution [*J. Am. Chem. Soc.* **2004**, *126*, 16105–16116]. William J. Leigh,* Cameron R. Harrington, and Ignacio Vargas-Baca

Page 16107: The quantum yield for formation of diphenylgermylene (Ph₂Ge) from photolysis of **4a** was incorrectly calculated from the data given in Figure 2 of the Supporting Information. The correct value is $\Phi_{\text{Ph2Ge}} = 0.55 \pm 0.07$. This affects the reported values of the absolute rate constant for dimerization (k_{dim}) and the extinction coefficient of Ph₂Ge at its absorption maximum ($\epsilon_{500-\text{nm}}$), for which the correct values are $k_{\text{dim}} = (1.2 \pm 0.2) \times 10^{10} \, \text{M}^{-1} \, \text{s}^{-1}$ and $\epsilon_{500-\text{nm}} = 1850 \pm 400 \, \text{dm}^3 \, \text{mol}^{-1} \, \text{cm}^{-1}$, respectively.

JA0582307

10.1021/ja0582307 Published on Web 01/04/2006 Cell-Permeable Near-Infrared Fluorogenic Substrates for Imaging β -Lactamase Activity [*J. Am. Chem. Soc.* **2005**, *127*, 4158–4159]. Bengang Xing, Ashot Khanamiryan, and Jianghong Rao*

Page 4158. Due to an arithmetic error, the fourth sentence in the fourth paragraph gives an incorrect value (7.4 \times 10⁵ M⁻¹ s⁻¹). The sentence should read, "Its catalytic efficiency (k_{cat}/K_m) is 1.2 \times 10⁵ M⁻¹ s⁻¹."

We thank researchers at Discoverx Inc. for pointing out this error.

JA054676B

10.1021/ja054676b Published on Web 01/05/2006

Experimental and Theoretical Evidence for the Formation of Zinc Tricarbonyl in Solid Argon [*J. Am. Chem. Soc.* **2005**, *127*, 8906–8907]. Ling Jiang and Qiang Xu* Page 8906, Figure 2. The Zn–C bond length in the Zn(CO)₃ molecule should be 1.888 Å, not 1.188 Å.

JA057624V

10.1021/ja057624v Published on Web 01/05/2006