Additions and Corrections

Catalytic Antibodies Generated via Heterologous Immunization [*J. Am. Chem. Soc.* **1994**, *116*, 6025–6026]. HIROAKI SUGA, OGUZ ERSOY, SIMON F. WILLIAMS, TAKESHI TSUMURAYA, MICHAEL N. MARGOLIES, ANTHONY J. SINSKEY, AND SATORU MASAMUNE*

Page 6026: "K_d (10^{-2} M)" in Table 1 should read K_d (10^{-5} M) for **1b** and **2b**, K_d(10^{-2} M) for PNP, and Kd (10^{-4} M) for **4**.

Aminoalkyl and Alkylaminium Free Radicals and Related Species: Structures, Thermodynamic Properties, Reduction Potentials, and Aqueous Free Energies [*J. Am. Chem. Soc.* **1993**, *115*, 666–673]. DAVID A. ARMSTRONG,* ARVI RAUK,* AND DAKE YU

Page 668, Table I: In the column headed *E*(G2), the second entry ($H_2NCH_2^•$) should be –95.018 564.

Page 668; **Proton Affinities (PAs)** section: The numbers 8.37 and 8.41 in the fourth line of this paragraph should be replaced by 8.55 and 8.59. These are the corrected values of the PAs (in eV) of the carbon and nitrogen sites of $H_2NCH_2^•$, respectively.

Page 668: **Bond Dissociation Energies (BDEs)** section: The number 372 in the third line of this paragraph should be replaced by 389. This is the corrected value of the BDE (in kJ mol^{-1}) at 0 K of the C–H bond of methylamine. It is now in good agreement with the experimental value of 393 ± 8 kJ mol^{-1} in ref 19.

Page 670, Table II: In the column labeled $\Delta_f H°(g)$, the numbers 760, 148, 869, and 865, should be replaced by 756, 162, 865, and 861, respectively, as the calculated heats of formation (in kJ mol^{-1}) of $H_2NCH_2^+$, $H_2NCH_2^•$, $H_2NCH_3^{•+}$, and $H_3NCH_2^{•+}$, respectively.

It should be noted that the other data and conclusions of this paper are unaffected.

Table III in supplementary material has been corrected. A complete set of supplementary material is included.

Supplementary Material Available: MP2/6-31+G* optimized structures for $H_2NCH_2^+$, $H_2NCH_2^•$, H_2NCH_3, $H_2NCH_3^{•+}$, $H_3NCH_2^{•+}$, $(CH_3)_2NCH_2^+$, $(CH_3)_2NCH_2^•$, $(CH_3)_3N$, and $(CH_3)_3N^{•+}$ (Table S-I), HF/6-31G* frequencies and infrared intensities for the above molecules (Table S-II), and ideal gas thermodynamic properties (Table S-III) (4 pages). This material is contained in many libraries on microfiche, immediately follows this article in the microfilm version of the journal, and can be ordered from the ACS; see any current masthead page for ordering information.

Reaction of Arylhalodiazirines with Thiophenoxide: A Redox Process [*J. Am. Chem. Soc.* **1993**, *115*, 7584–7592]. XAVIER CREARY,* ANTHONY F. SKY, GILLIAN PHILLIPS, AND DAVID E. ALONSO

p 7590: The correct Figure 6 follows.

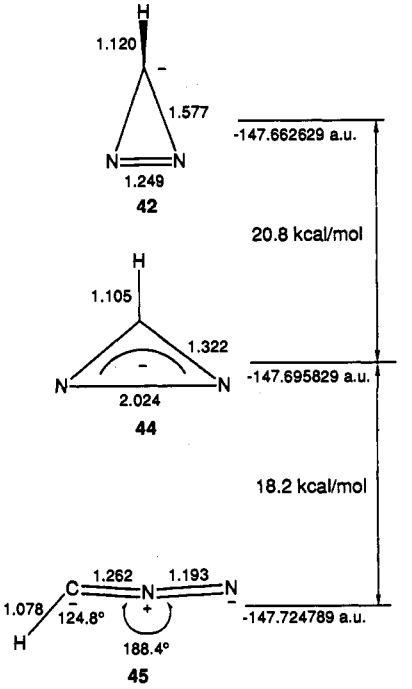

Figure 6. Energy levels (MP2/6-31+G*) of isomeric $(CHN_2)^-$ ions.