

Additions and Corrections

Synthesis of 12-Substituted 1-Carba-*closo*-dodecaborate Anions and First Hyperpolarizability of the 12-C₇H₆⁺-CB₁₁H₁₁ Ylide [*J. Am. Chem. Soc.* **1999**, *121*, 3122–3126]. BOHUMÍR GRÜNER, ZBYNĚK JANOUŠEK, BENJAMIN T. KING, JEFFREY N. WOODFORD, C. H. WANG, VÁCLAV VŠETEČKA, AND JOSEF MICHL*

The $\beta_{\text{HRS}} = 236 \times 10^{-30}$ esu first hyperpolarizability of the title ylide in CHCl₃ (1064 nm) obtained from hyper-Rayleigh scattering (HRS), using *p*-nitroaniline (*p*NA) as an external reference [$\beta_{\text{HRS}} = 23 \times 10^{-30}$ esu (Clays, K.; Persoons, A., *Phys. Rev. Lett.* **1991**, *66*, 298)], is erroneously high, for two reasons. (i) Metal particles from the piston of the solution delivery pump were present in the light scattering cell; the correct value is equal to that of *p*NA. (ii) A new value has been reported for CHCl₃, the internal reference for the *p*NA standard; $\beta_{\text{HRS}} = 0.16 \times 10^{-30}$ esu (Kaatz, P.; Shelton, D. P. *Opt. Commun.* **1998**, *157*, 177), instead of the previously used $\beta_{\text{HRS}} = 0.49 \times 10^{-30}$ esu. If this result is adopted, $\beta_{\text{HRS}} = 7.5 \times 10^{-30}$ esu for *p*NA in CHCl₃. From an electric field induced second harmonic generation (EFISH) result, $\beta_{\text{EFISH}} = 16.8 \times 10^{-30}$ esu (Stähelin, M.; Burland, D. M.; Rice, J. E. *Chem. Phys. Lett.* **1992**, *191*, 245), one obtains $\beta_{\text{HRS}} = (6/35)^{1/2} \times \beta_{\text{EFISH}} = 6.9 \times 10^{-30}$ esu for *p*NA in CHCl₃. Averaging the two new values gives $\beta_{\text{HRS}} = 7.2 \times 10^{-30}$ esu, further supported by recent HRS measurements in several solvents (Huyskens, F. L.; Huyskens, P. L.; Persoons, A. *J. Chem. Phys.* **1998**, *108*, 8161).

The first molecular hyperpolarizability of the title ylide is within experimental error of that of *p*NA. With the new value for this standard, this is $\beta_{\text{HRS}} = 7.2 \times 10^{-30}$ esu, in much improved agreement with the INDO/S result calculated at zero frequency, $\beta_{\text{zzz}} = 1.7 \times 10^{-30}$ (the INDO/S result for *p*NA is $\beta_{\text{zzz}} = 18 \times 10^{-30}$).

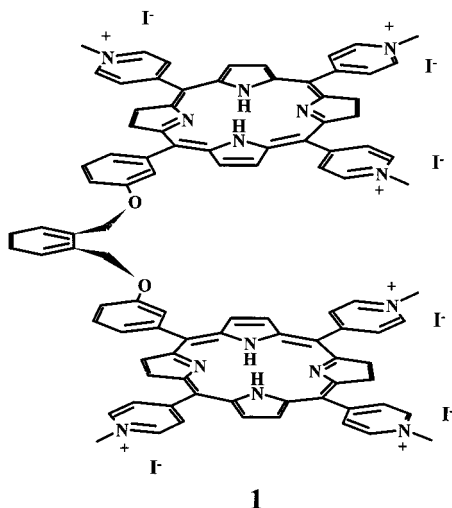
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Highly Efficient Complexations of a Porphyrin Dimer with Remarkably Small Differences between Nucleosides and Nucleotides/The Predominance of Stacking Interactions for Nucleic Acid Components [*J. Am. Chem. Soc.* **2000**, *122*, 5881–5882]. MALLENA SIRISH AND HANS-JÖRG SCHNEIDER*

The structure of the dimeric porphyrin host **1** was inadvertently omitted.



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