

Vol. 71, 2006

Joydev K. Laha, Chinnasamy Muthiah, Masahiko Taniguchi, Brian E. McDowell, Marcin Ptaszek, and Jonathan S. Lindsey.\* Synthetic Chlorins Bearing Auxochromes at the 3- and 13-Positions.

Page 4092. The structures of five compounds, each of which lacks a meso-mesityl group, were incorrectly assigned with regard to the location of one bromine atom. Compound 3b (reported as 8,9-dibromo-1-formyldipyrromethane) is now known to be the isomeric 7,9-dibromo-1-formyldipyrromethane. The chlorins derived therefrom, reported as 3,13-substituted ZnC-Br<sup>3</sup>Br<sup>13</sup>, ZnC-E<sup>3</sup>Br<sup>13</sup>, ZnC-E<sup>3</sup>E<sup>13</sup>, and ZnC-E<sup>3</sup>A<sup>13</sup>, are now known to be the respective 3,12-substituted isomers ZnC- $Br^3Br^{12}$ , ZnC- $E^3Br^{12}$ , ZnC- $E^3E^{12}$ , and ZnC- $E^3A^{12}$ . A full delineation of the reaction regiochemistry and structural assignments, synthesis of authentic samples of the five compounds (8,9-dibromo-1-formyldipyrromethane, ZnC-Br<sup>3</sup>Br<sup>13</sup>, ZnC-E<sup>3</sup>Br<sup>13</sup>, ZnC-E<sup>3</sup>E<sup>13</sup>, and ZnC-E<sup>3</sup>A<sup>13</sup>), and comparison of the photochemical properties of two pairs of chlorin isomers  $(ZnC-E^3E^{13})$  and  $ZnC-E^3E^{12}$ ;  $ZnC-E^3A^{13}$  and  $ZnC-E^3A^{12})$  is described separately (Mass, O.; Ptaszek, M.; Taniguchi, M.; Diers, J. R.; Kee, H. L.; Bocian, D. F.; Holten, D.; Lindsey, J. S. J. Org. Chem. 2009, 74, DOI: 10.1021/jo900706x).

JO9010602

10.1021/jo9010602 Published on Web 06/15/2009