Supplementary Information for

Formation of dodecaphenylporphodimethene via facile protonation of saddle-distorted dodecaphenylporphyrin

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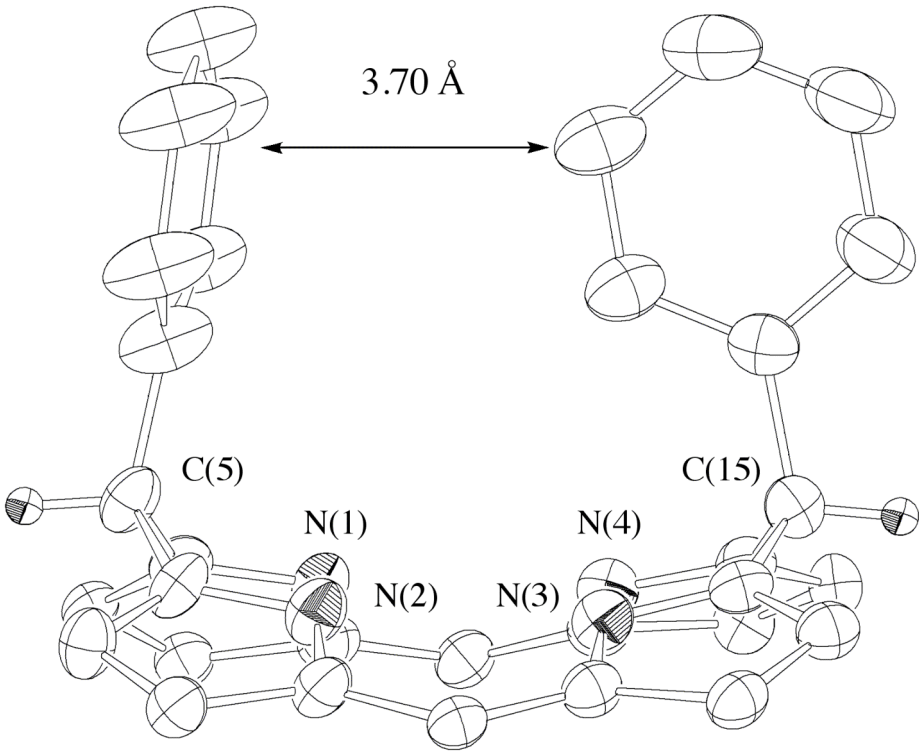

Figure S1. An ORTEP drawing of **1** (50% probability thermal ellipsoids) without showing peripheral phenyl groups except two of them at the 5- and 15-positions. The distance is between the carbon atom indicated and the centroid of the other phenyl ring.

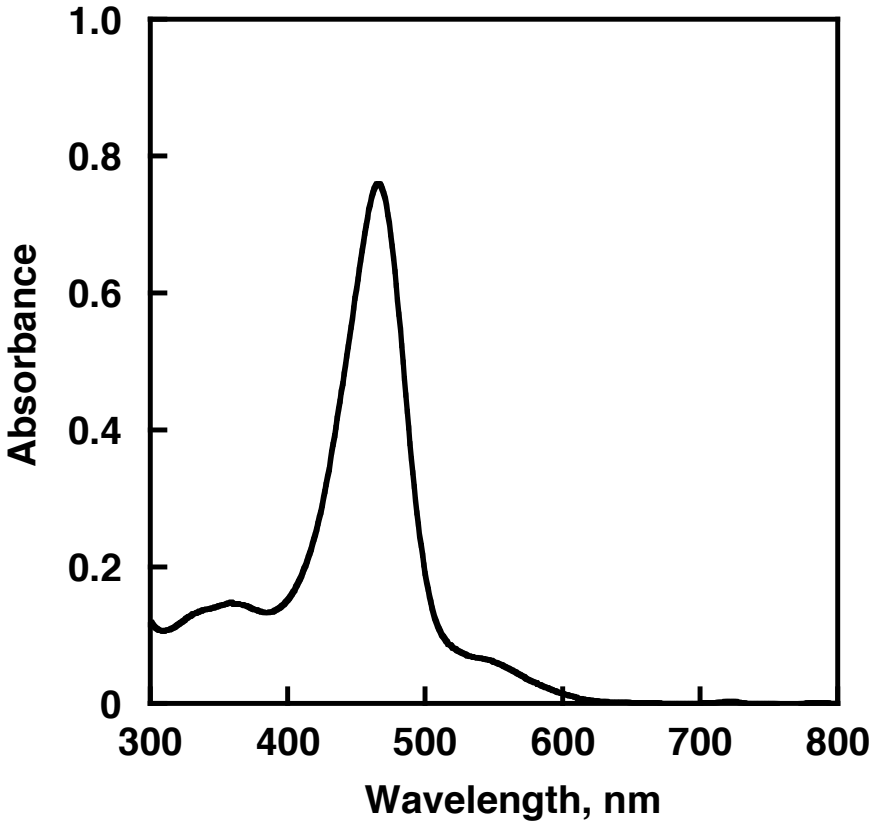

Figure S2. Absorption spectrum of **1** in CH_2Cl_2 at room temperature; λ_{max}, nm (ε, dm^3 mol^{-1} cm^{-1}): 465 (6.96×10^4), 540 (6.14×10^3).

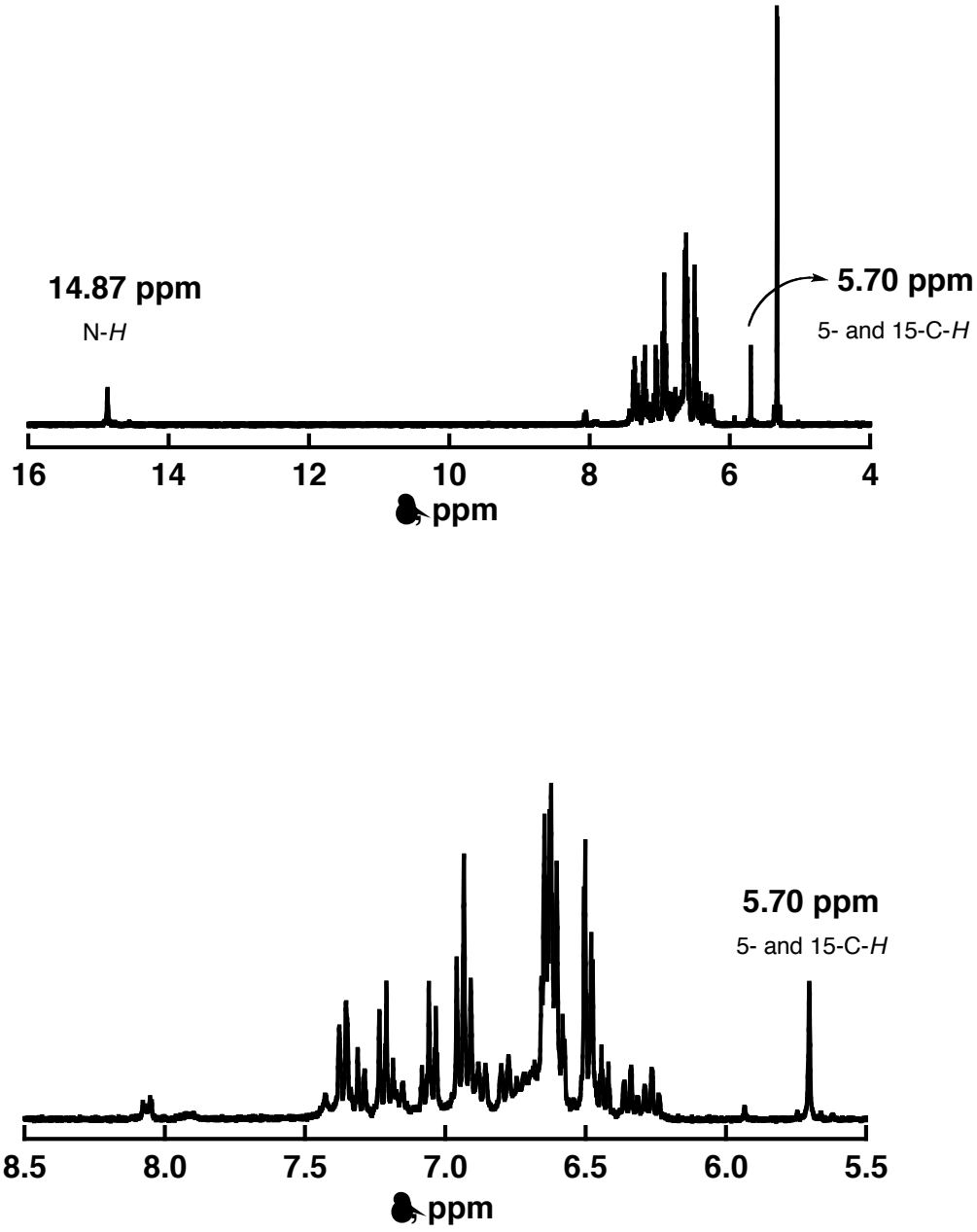

Figure S3. ^{1}H NMR spectrum (300 MHz) of **1** in CD_2Cl_2 at room temperature.

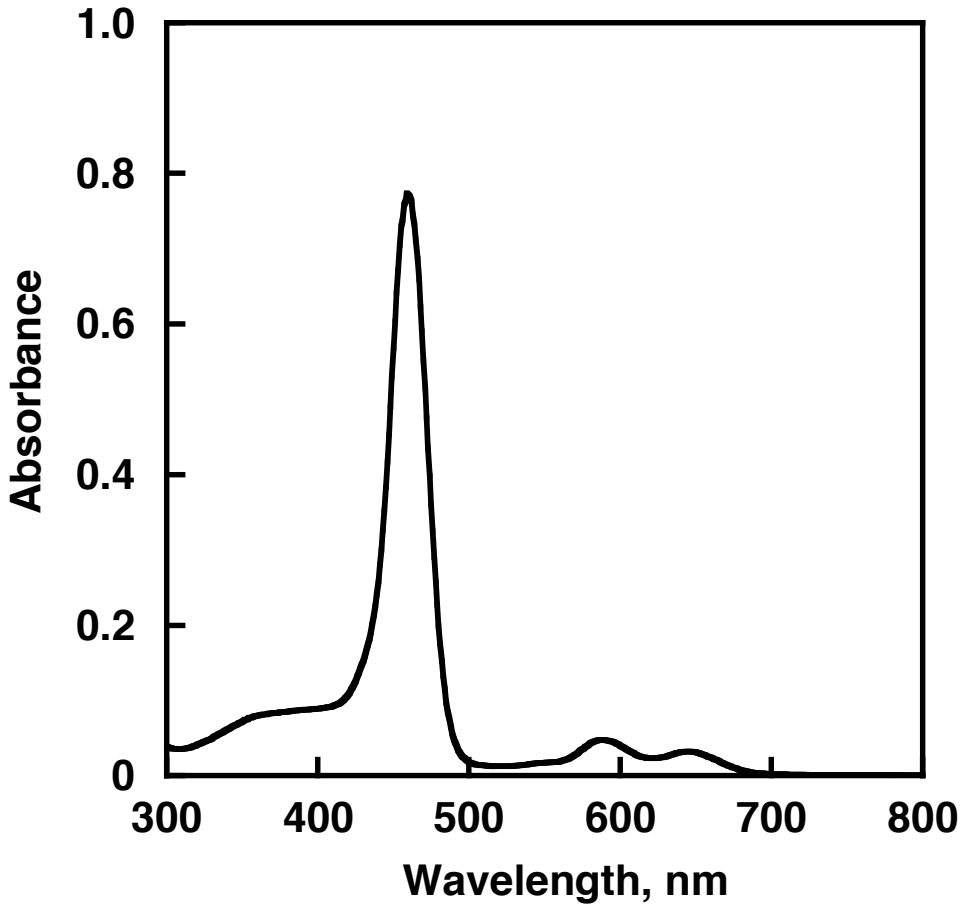

Figure S4. Absorption spectrum of [Sn(DPP)Cl_2] in CH_2Cl_2 at room temperature; λ_{max}, nm (ε, $dm^3\ mol^{-1}\ cm^{-1}$): 460 (2.97×10^5), 588 (1.85×10^4), 645 (1.24×10^4).

Elemental analysis for [Sn(DPP)Cl_2]•$CHCl_3$•CH_2Cl_2: Calcd for $SnC_{92}H_{60}N_4Cl_2$•CH_2Cl_2• $CHCl_3$: C, 69.89; H, 3.93; N, 3.47. Found: C, 70.15; H, 4.07; N, 3.68.

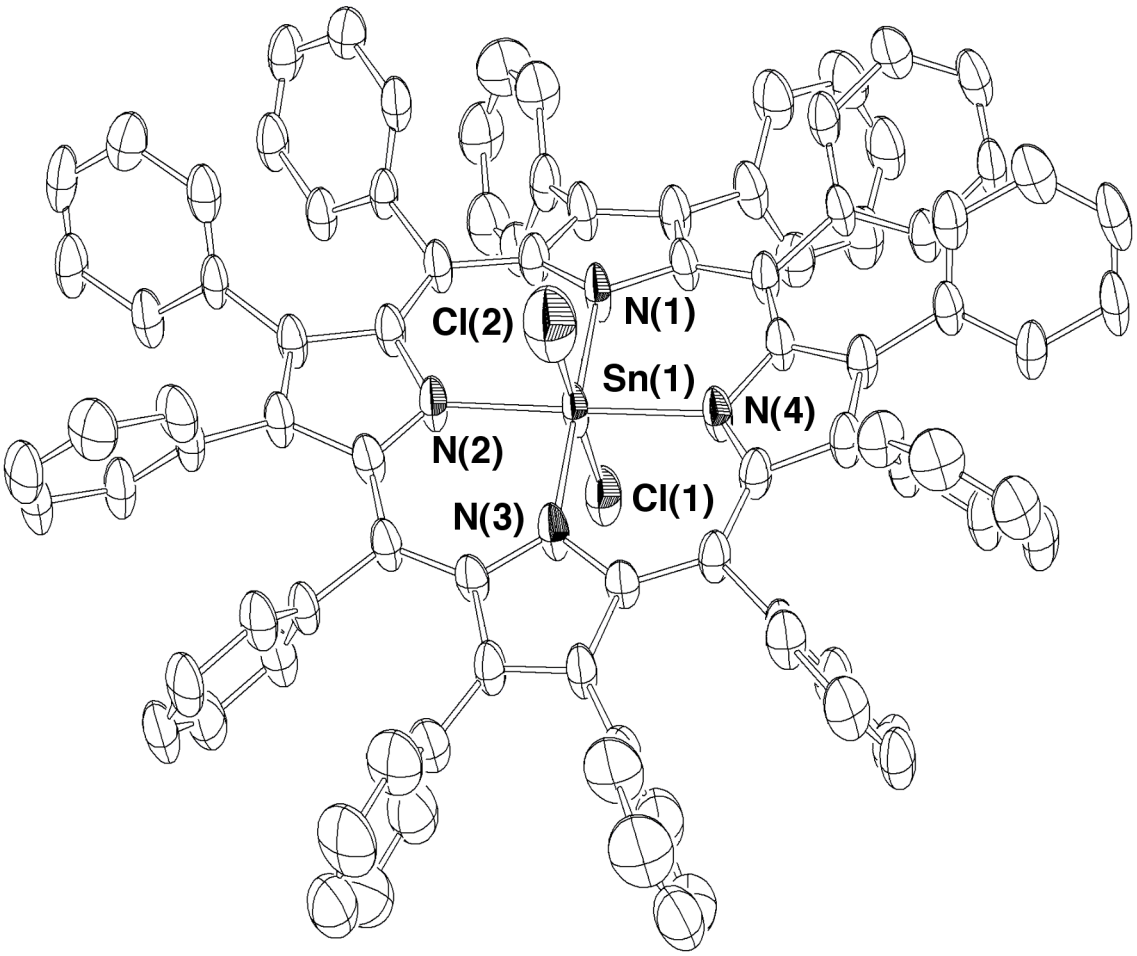

Figure S5. An ORTEP drawing of [Sn(DPP)Cl_2] with 50 % probability thermal ellipsoids and selected atom numbering scheme. Hydrogen atoms are omitted for clarity.

The list of authors of ref. 9.

M. J. Frisch, G. W. Trucks, H. B. Schlegel, G. E. Scuseria, M. A. Robb, J. R. Cheeseman, J. A. Montgomery, J. T. Vreven, K. N. Kudin, J. C. Burant, J. M. Millam, S. S. Iyengar, J. Tomasi, V. Barone, B. Mennucci, M. Cossi, G. Scalmani, N. Rega, G. A. Petersson, H. Nakatsuji, M. Hada, M. Ehara, K. Toyota, R. Fukuda, J. Hasegawa, M. Ishida, T. Nakajima, Y. Honda, O. Kitao, H. Nakai, M. Klene, X. Li, J. E. Knox, H. P. Hratchian, J. B. Cross, C. Adamo, J. Jaramillo, R. Gomperts, R. E. Stratmann, O. Yazyev, A. J. Austin, R. Cammi, C. Pomelli, J. W. Ochterski, P. Y. Ayala, K. Morokuma, G. A. Voth, P. Salvador, J. J. Dannenberg, V. G. Zakrzewski, S. Dapprich, A. D. Daniels, M. C. Strain, O. Farkas, D. K. Malick, A. D. Rabuck, K. Raghavachari, J. B. Foresman, J. V. Ortiz, Q. Cui, A. G. Baboul, S. Clifford, J. Cioslowski, B. B. Stefanov, G. Liu, A. Liashenko, P. Piskorz, I. Komaromi, R. L. Martin, D. J. Fox, T. Keith, M. A. Al-Laham, C. Y. Peng, A. Nanayakkara, M. Challacombe, P. M. W. Gill, B. Johnson, W. Chen, M. W. Wong, C. Gonzalez, J. A. Pople, *Gaussian 03, Revision C.02*, Gaussian, Inc., Wallingford, CT, 2004.