

Supplementary Information for:

**De Novo Synthesis and Photophysical Characterization of Annulated Bacteriochlorins.  
Mimicking and Extending the Properties of Bacteriochlorophylls**

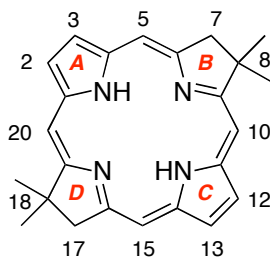
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**1. Nomenclature of Bacteriochlorins.**

We have employed the numbering system shown in Chart 1 for all bacteriochlorins regardless of substituents. In some cases the system employed herein is at odds with the priority rules of accepted nomenclature (e.g., C.A.S. and I.U.P.A.C.).<sup>52</sup> However, the choice of this numbering system fixes the order of the ABCD rings of the bacteriochlorin macrocycle, and also fixes the methoxy substituent of the bacteriochlorins at the 5-position. In this manner, the naming and patterns of the substituents ( $\beta$ -pyrrolic, 15-position) of the various bacteriochlorins are consistent and readily understood.



**2. Spectral Data.**

