

5-Phenyl-10,15,20-tris(4-sulfonatophenyl)porphyrin: synthesis, catalysis and structural studies

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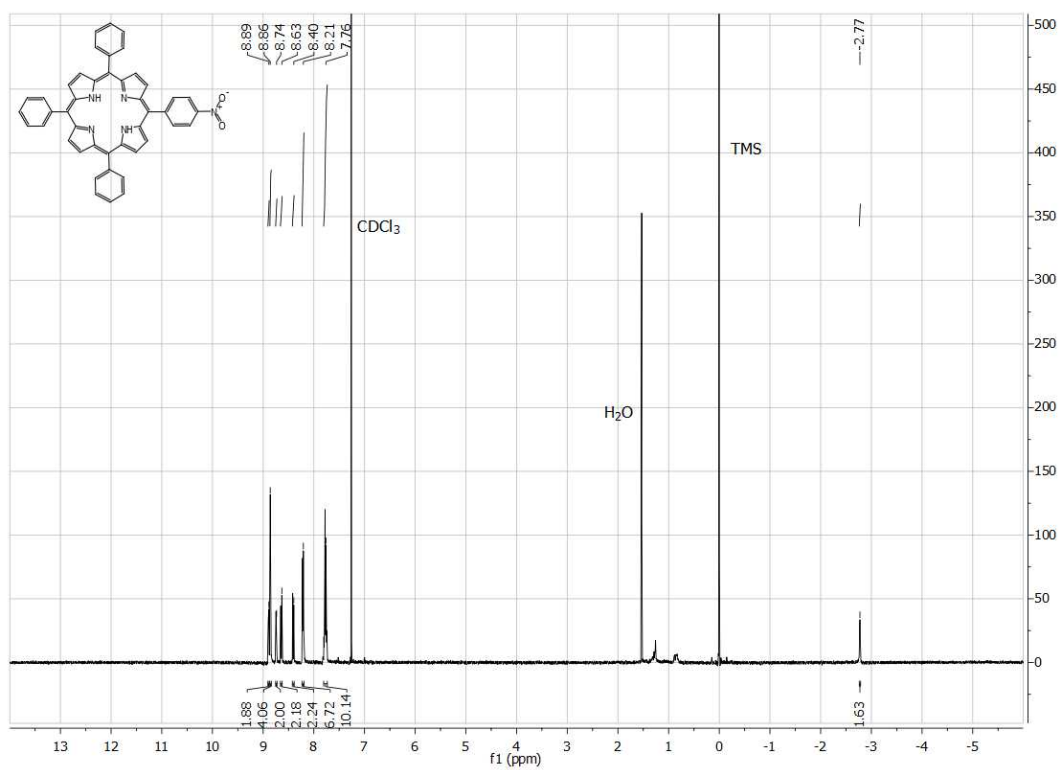
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SUPPORTING INFORMATION

NMR spectra for compounds **1**, **2**, **3**, **4**, and **7a/b** (Diels–Alder reaction crude)

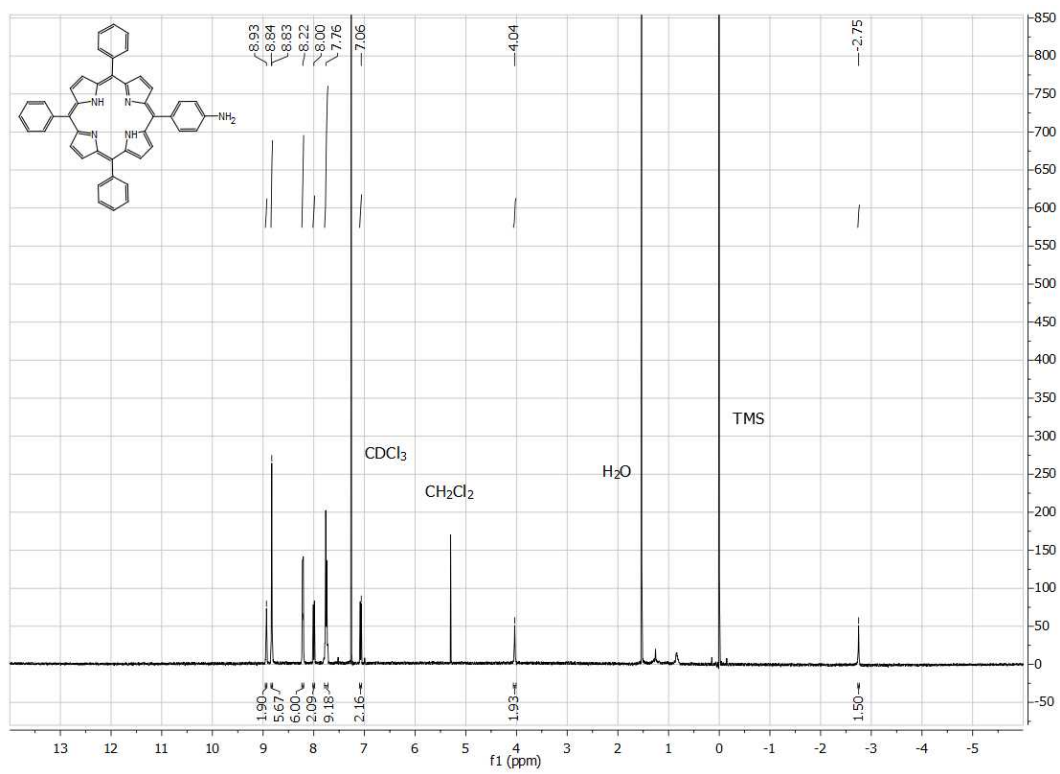
5-(4-Nitrophenyl)-10,15,20-triphenylporphyrin 3

¹H NMR (400 MHz)



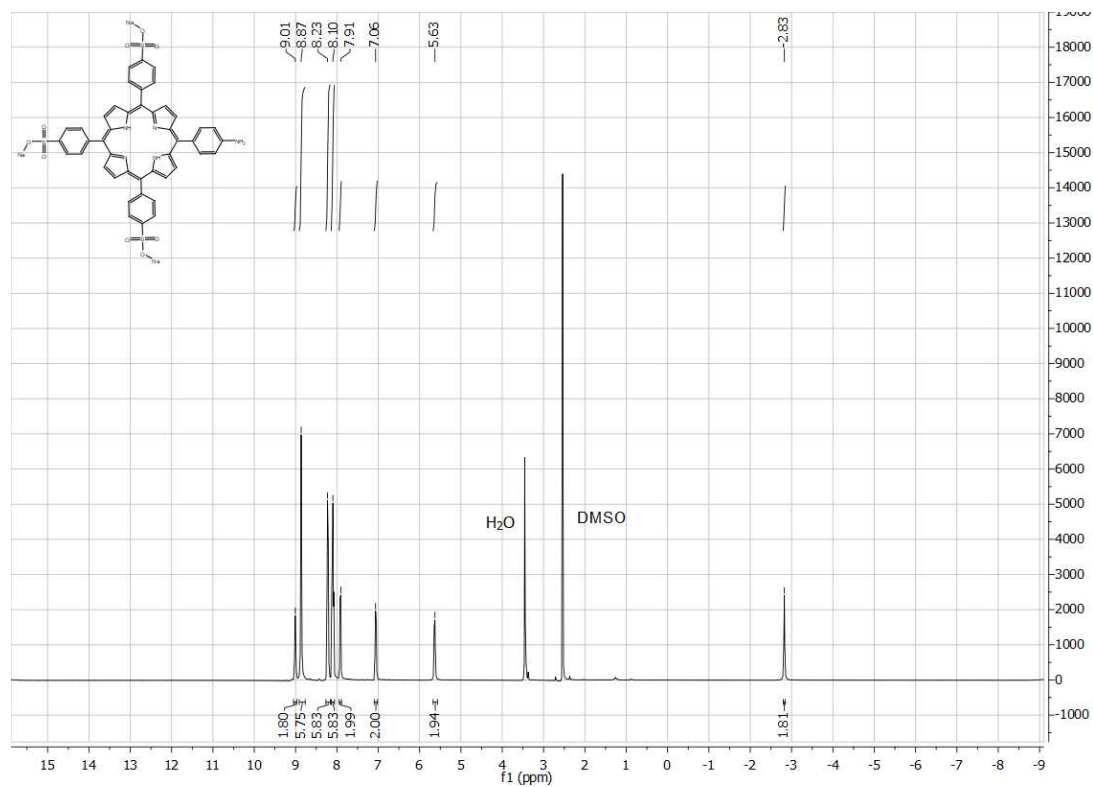
5-(4-Aminophenyl)-10,15,20-triphenylporphyrin 4

^1H NMR (400 MHz)



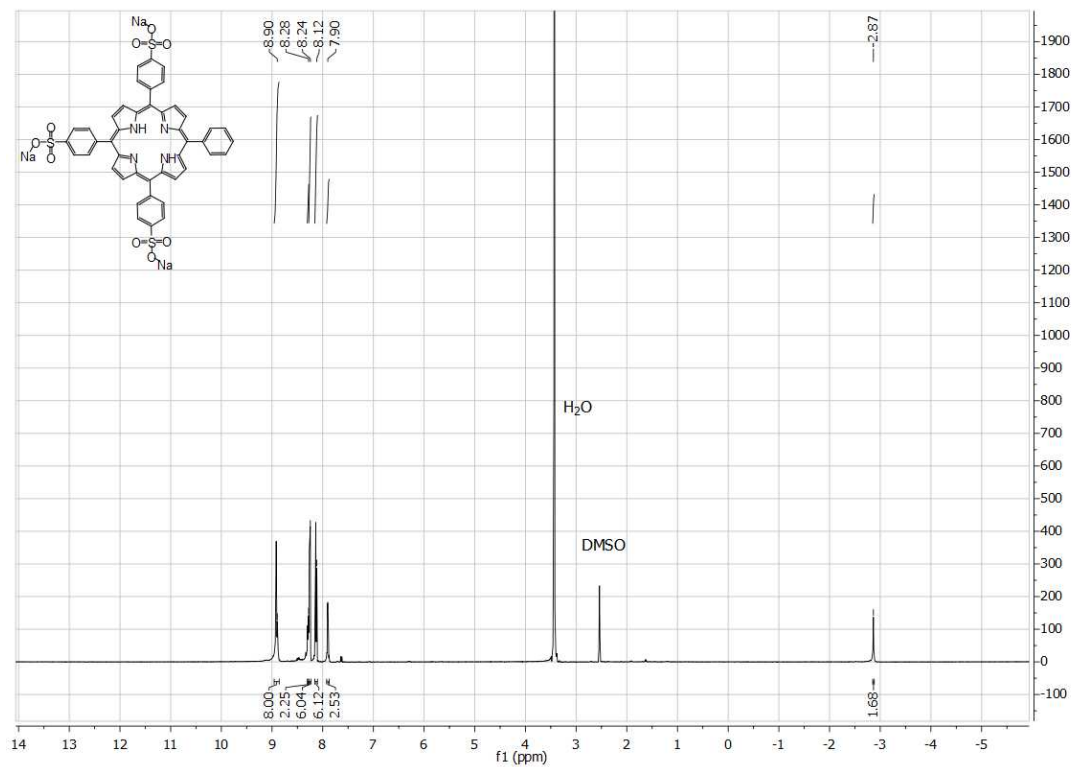
5-(4-Aminophenyl)-10,15,20-tris(4-sulfonatophenyl)porphyrin trisodium salt, 2

¹H NMR (400 MHz)

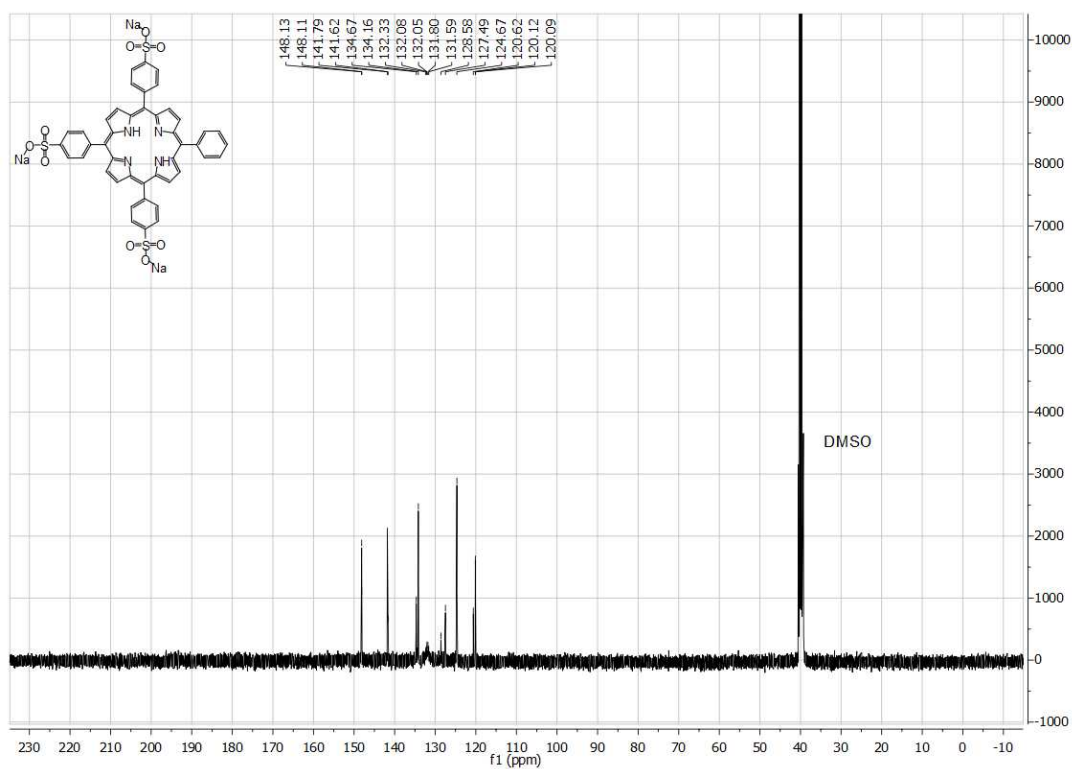


5-Phenyl-10,15,20-tris(4-sulfonatophenyl)porphyrin trisodium salt, 1

^1H NMR (400 MHz)



^{13}C NMR (100.6 MHz)



Diels-Alder adduct mixture 7a/b

^1H NMR (400 MHz)

