

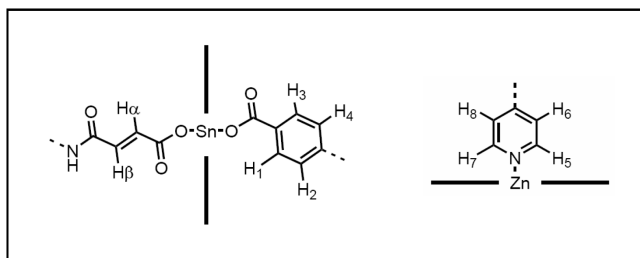
## Cyclic Oligomers Based on Complementary Zn(II) and Sn(IV) Porphyrins

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### Supporting Information

**Table S1.** Distances of protons to the metal porphyrins in the optimised cyclic assemblies.<sup>1</sup>

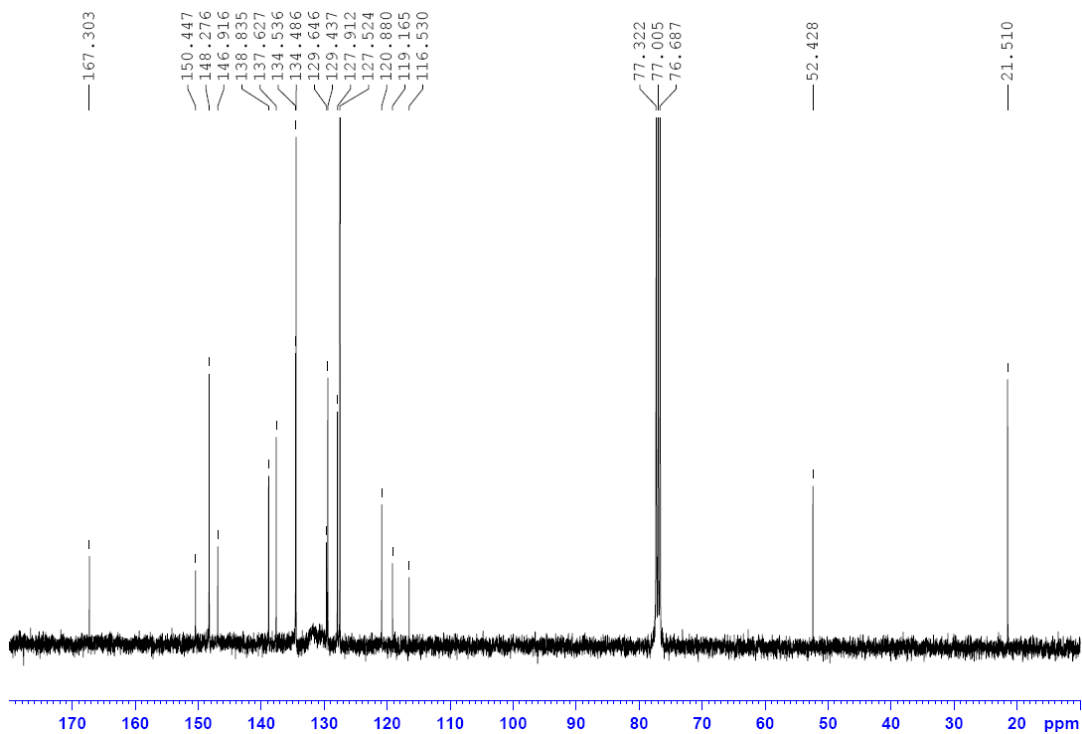
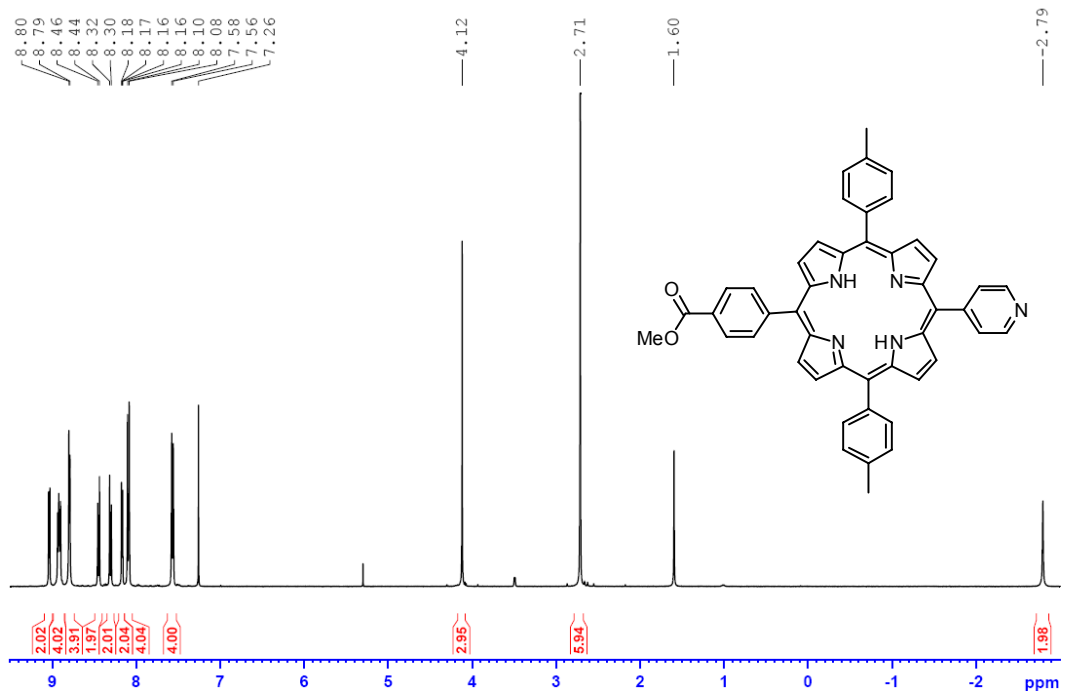


	H <sub>α</sub> (Å)	H <sub>β</sub> (Å)	H <sub>1</sub> (Å)	H <sub>2</sub> (Å)	H <sub>3</sub> (Å)	H <sub>4</sub> (Å)	H <sub>5</sub> (Å)	H <sub>6</sub> (Å)	H <sub>7</sub> (Å)	H <sub>8</sub> (Å)
[1·2] <sub>5</sub>	5.02	4.32	3.48	5.56	5.57	7.72	2.35	4.76	2.42	4.84
[1·2] <sub>6</sub>	4.69	4.40	3.96	6.13	5.00	7.17	2.35	4.77	2.39	4.81

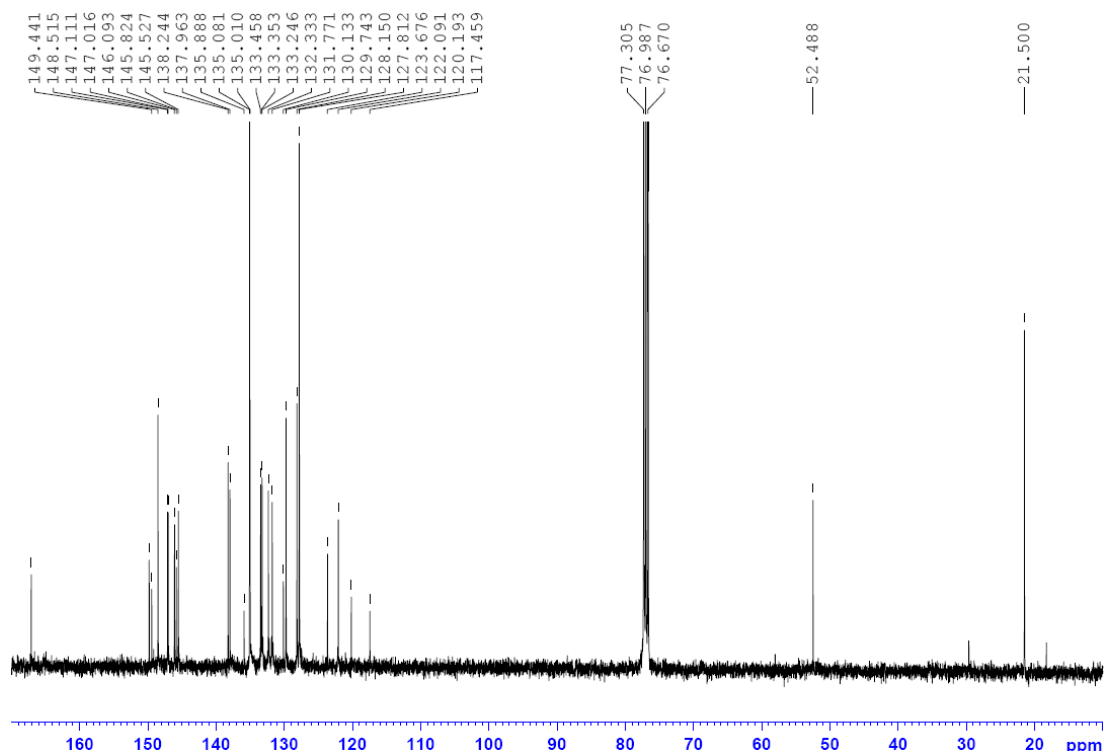
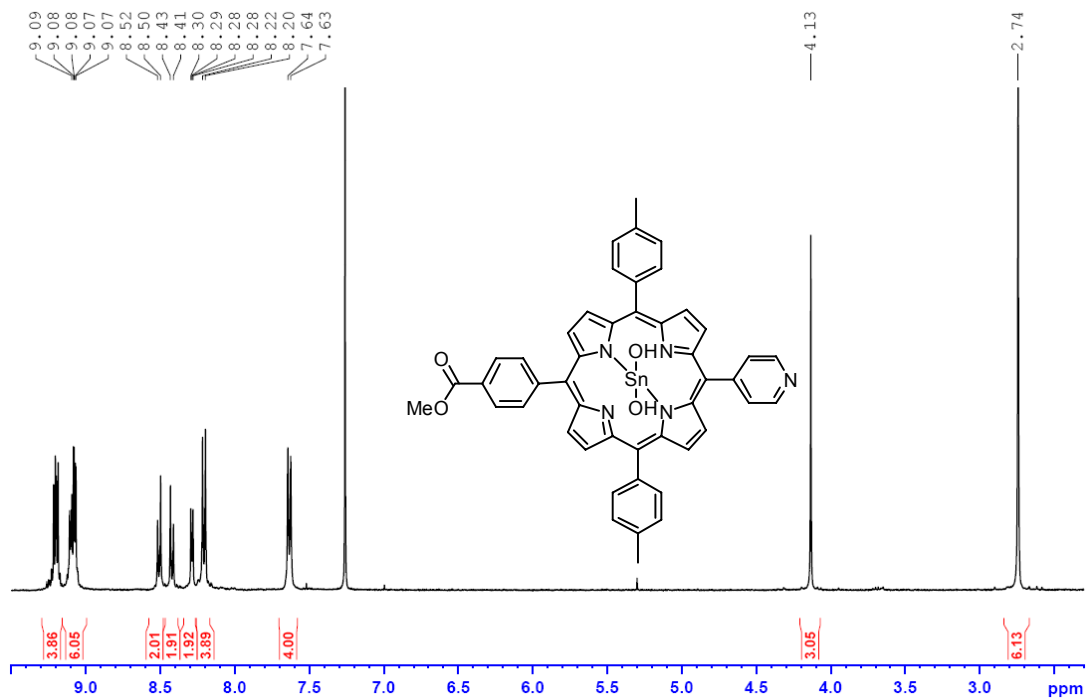
<sup>(1)</sup> Measured in the minimized models using Mercury 1.4.2 (build 2).

## NMR-Spectra

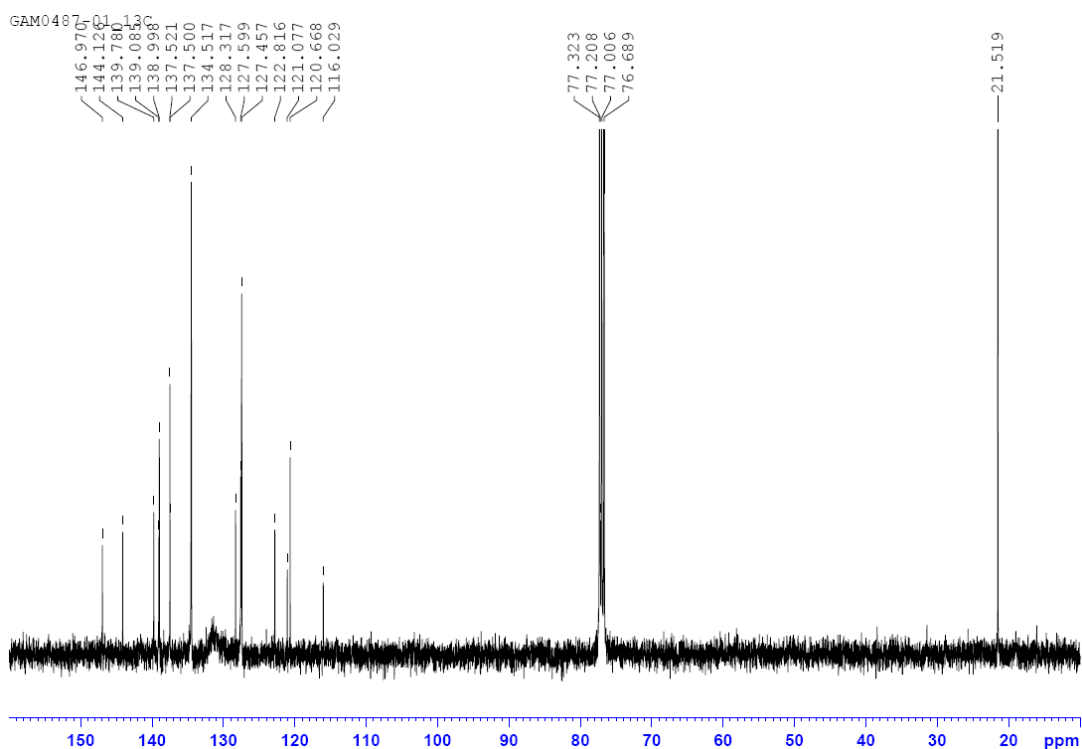
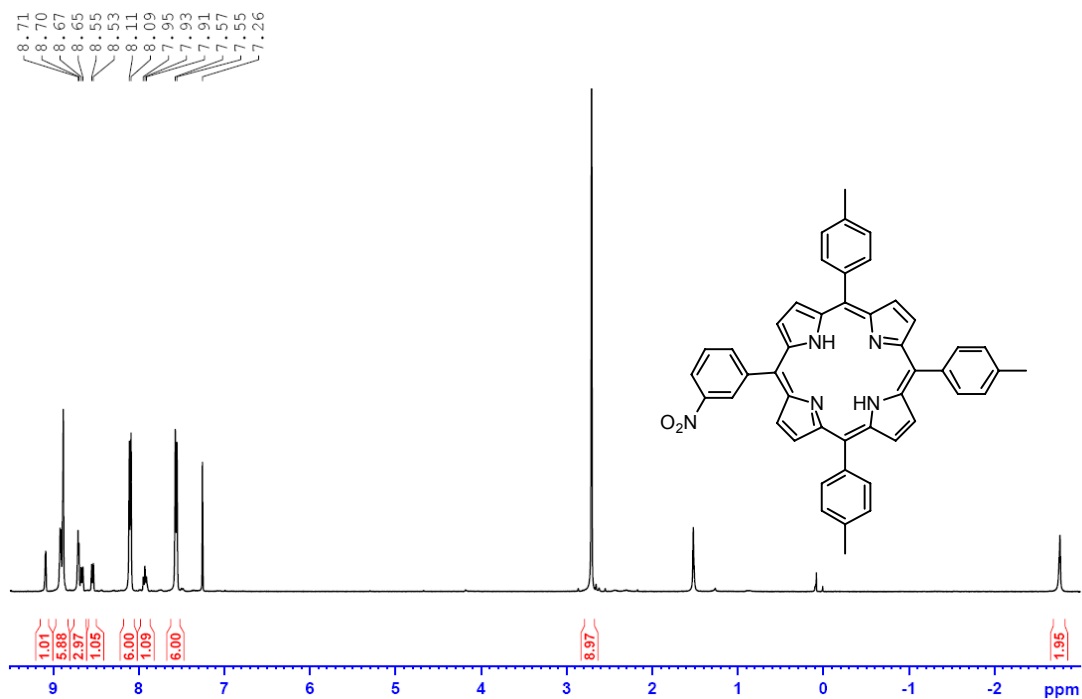
### 5,15-[bis(4-tolyl)]-10-(4-methylbenzoate)-20-(4-pyridyl)porphyrin (3)



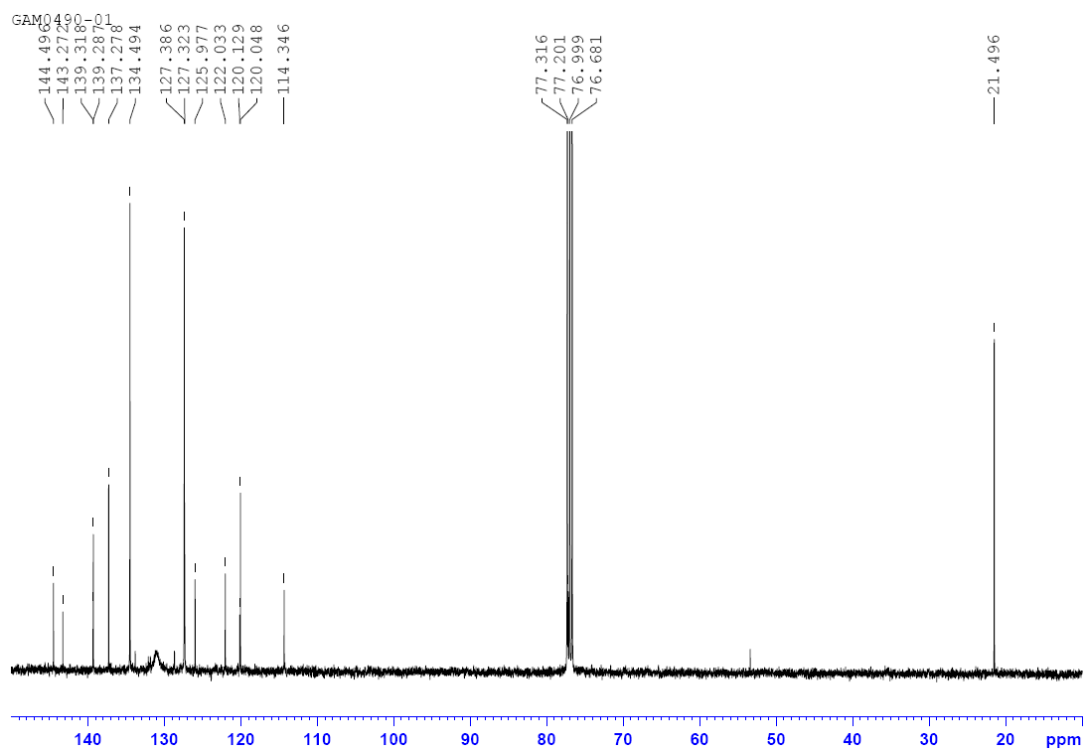
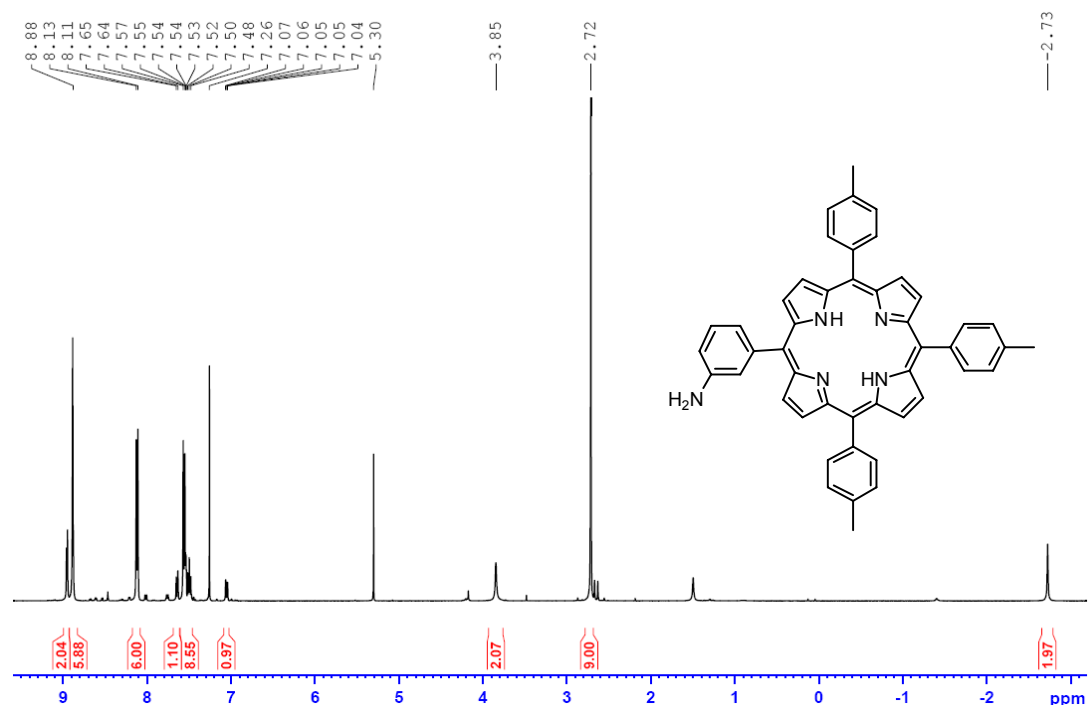
*5,15-[bis(4-tolyl)]-10-[4-(methoxycarbonylphenyl)]-20-(4-pyridyl) tin(IV)  
bishydroxyporphyrin (4)*



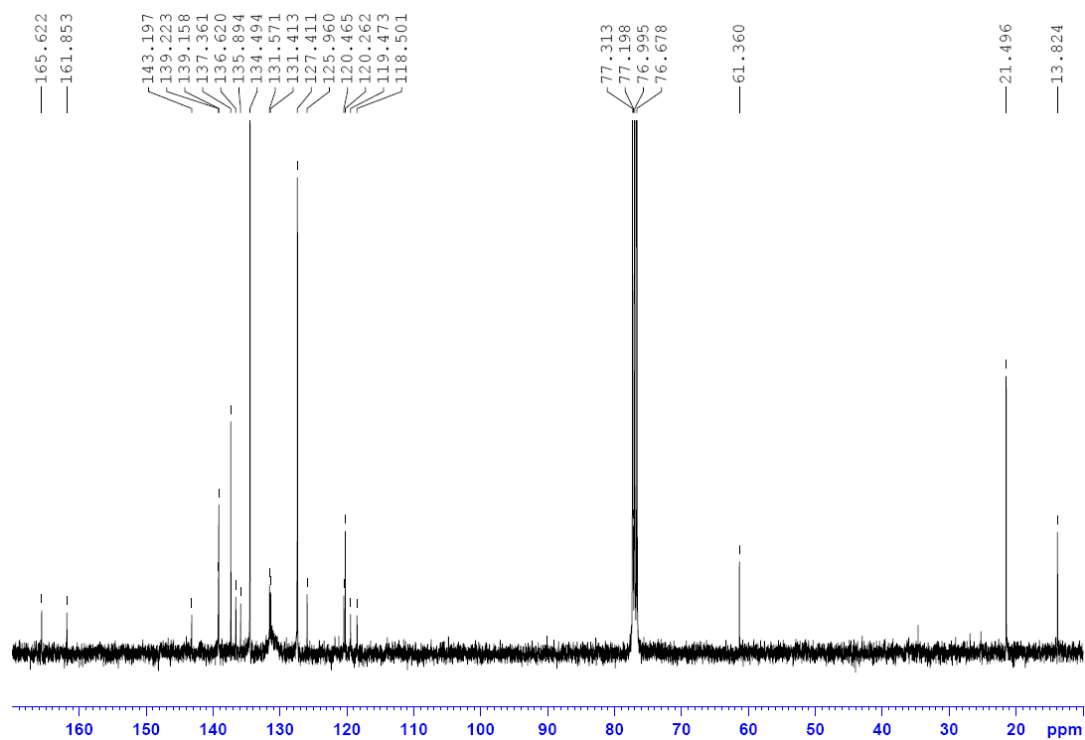
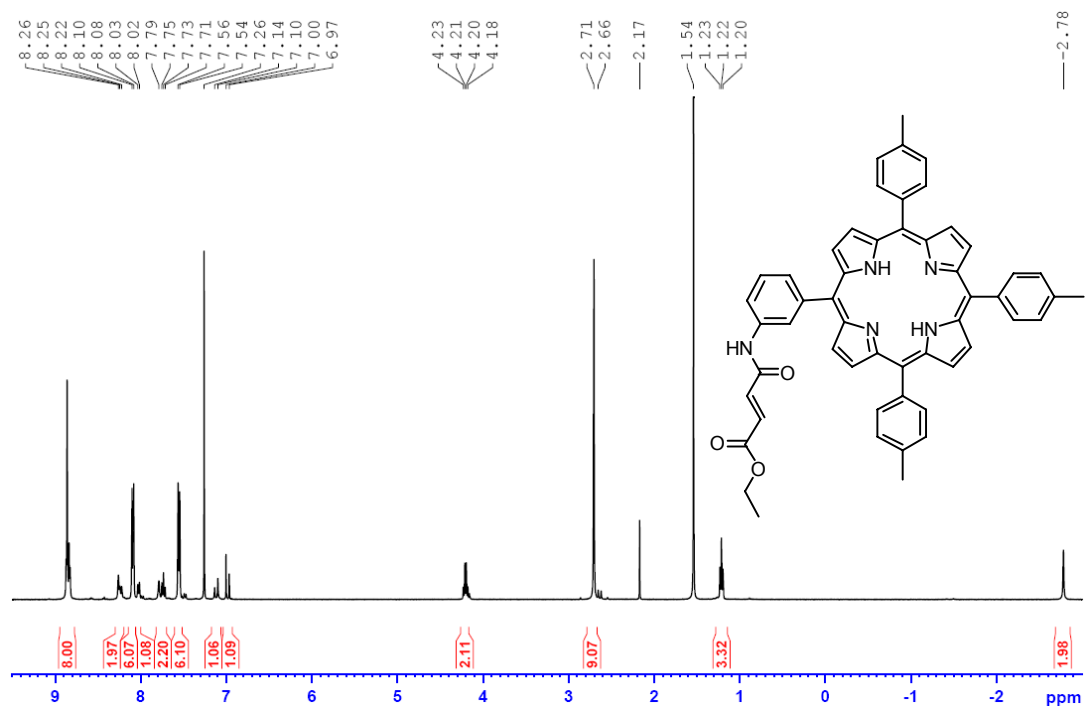
*5,10,15-[tris(4-tolyl)]-20-(3-nitrophenyl)porphyrin (5)*



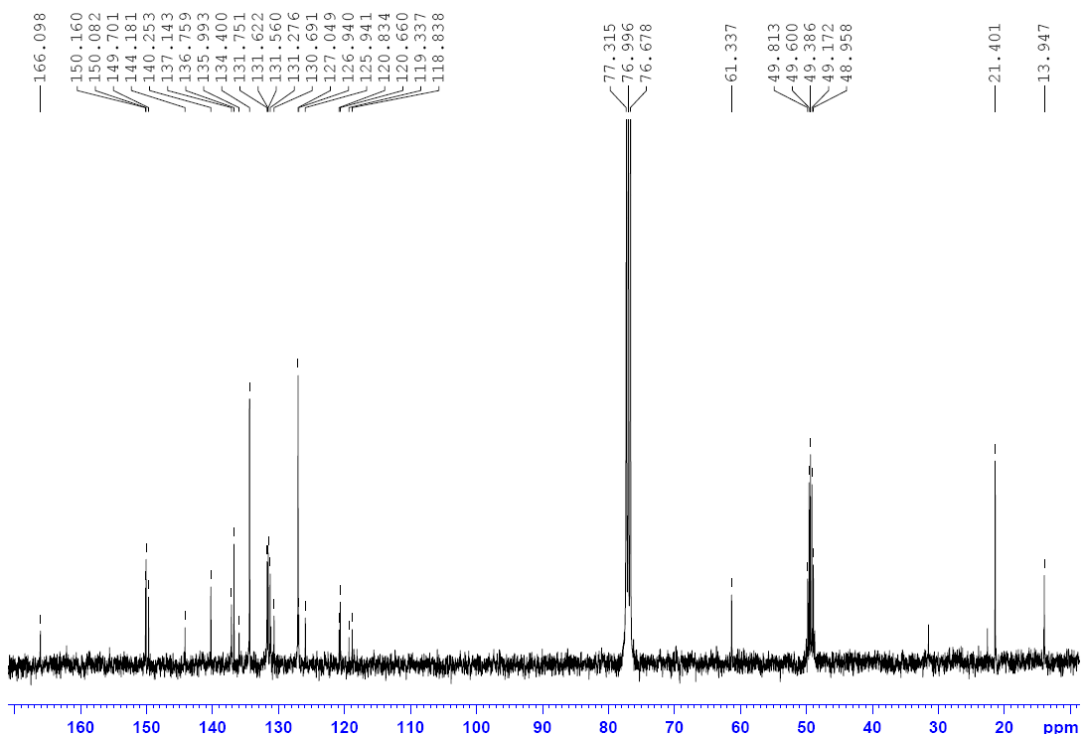
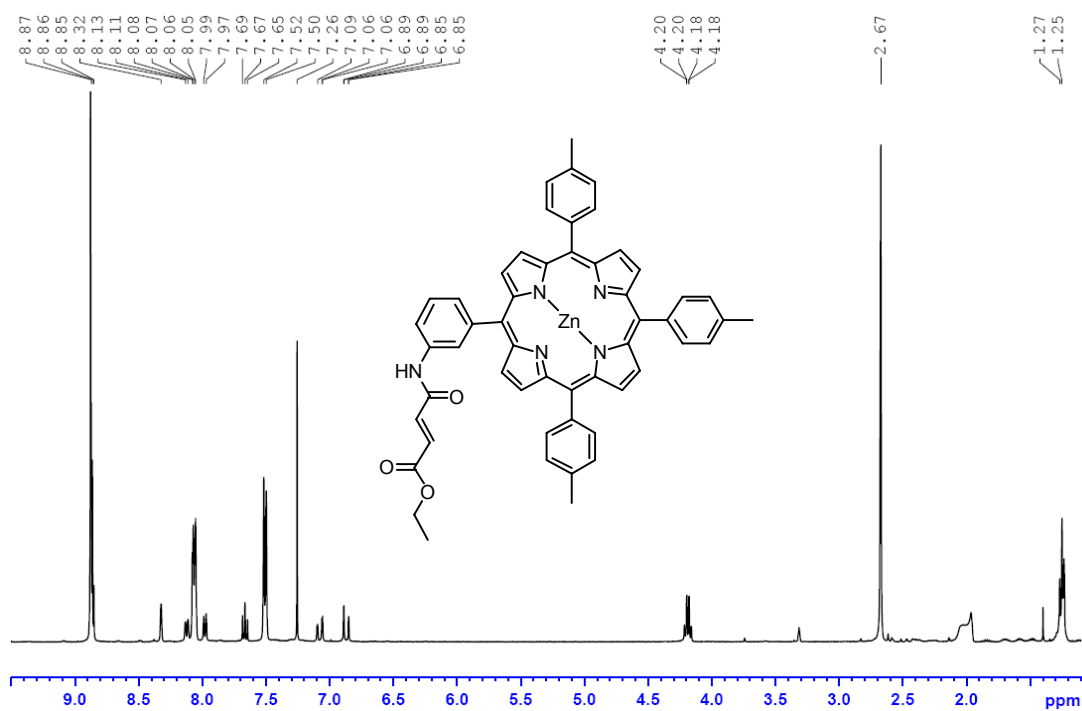
*5,10,15-[tris(4-tolyl)]-20-(3-aminophenyl)porphyrin (6)*



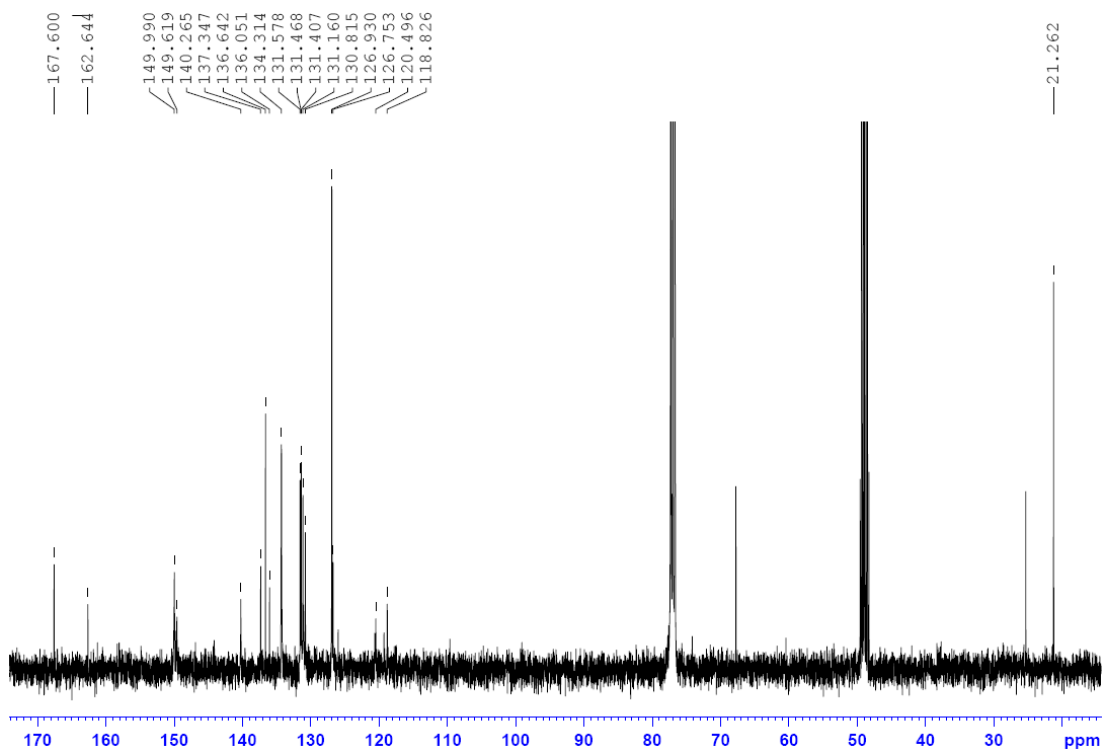
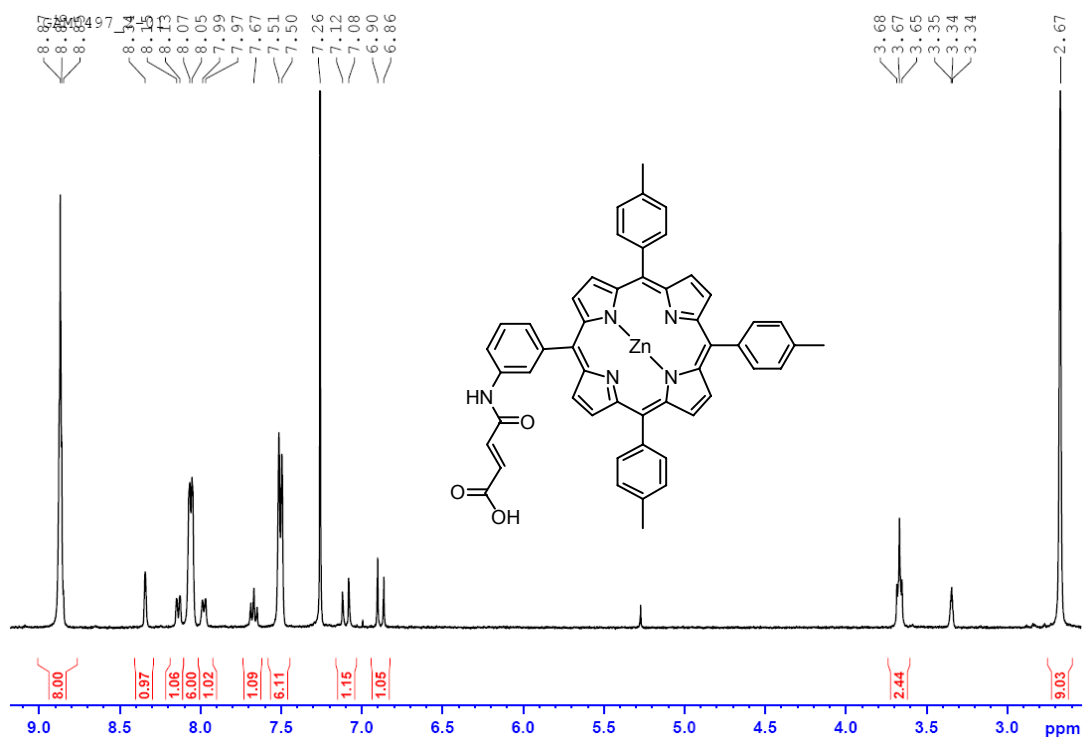
*5,10,15-[tris(4-tolyl)]-20-(3-phenylfumaramide)porphyrin ethyl ester (7)*



*5,10,15-[tris(4-tolyl)]-20-(3-phenylfumaramide) zinc(II) porphyrin ethyl ester (8)*



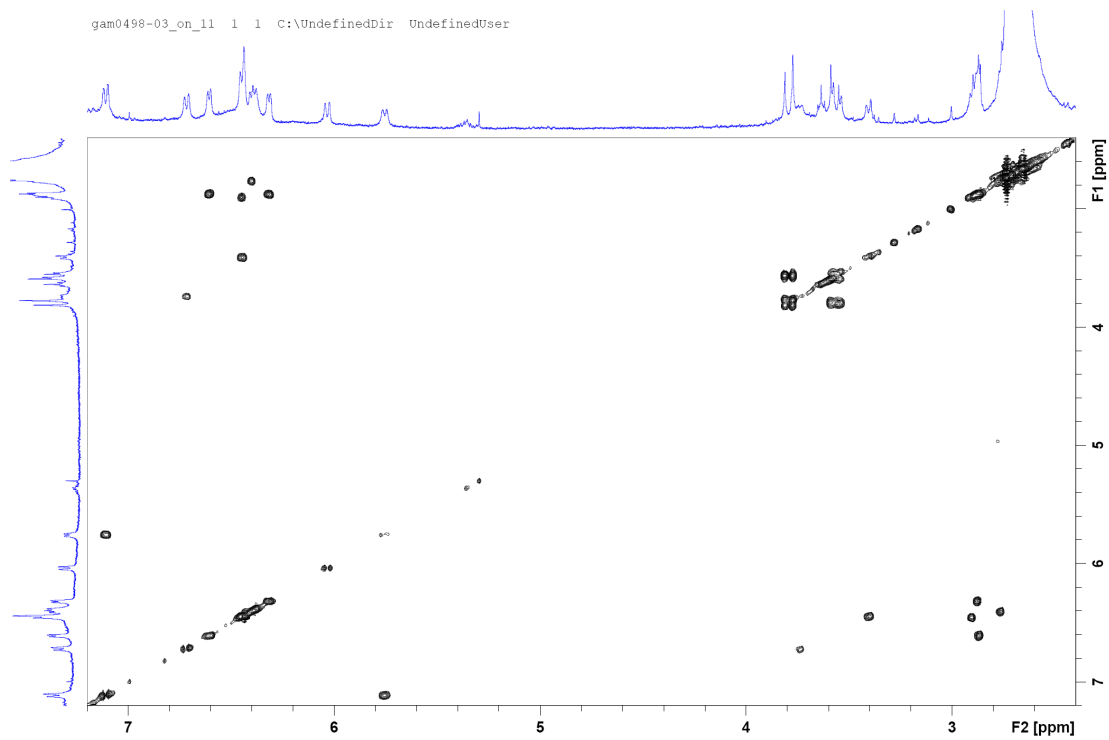
*5,10,15*-[tris(4-tolyl)]-20-(3-phenylfumaramide) zinc(II) porphyrin (2)



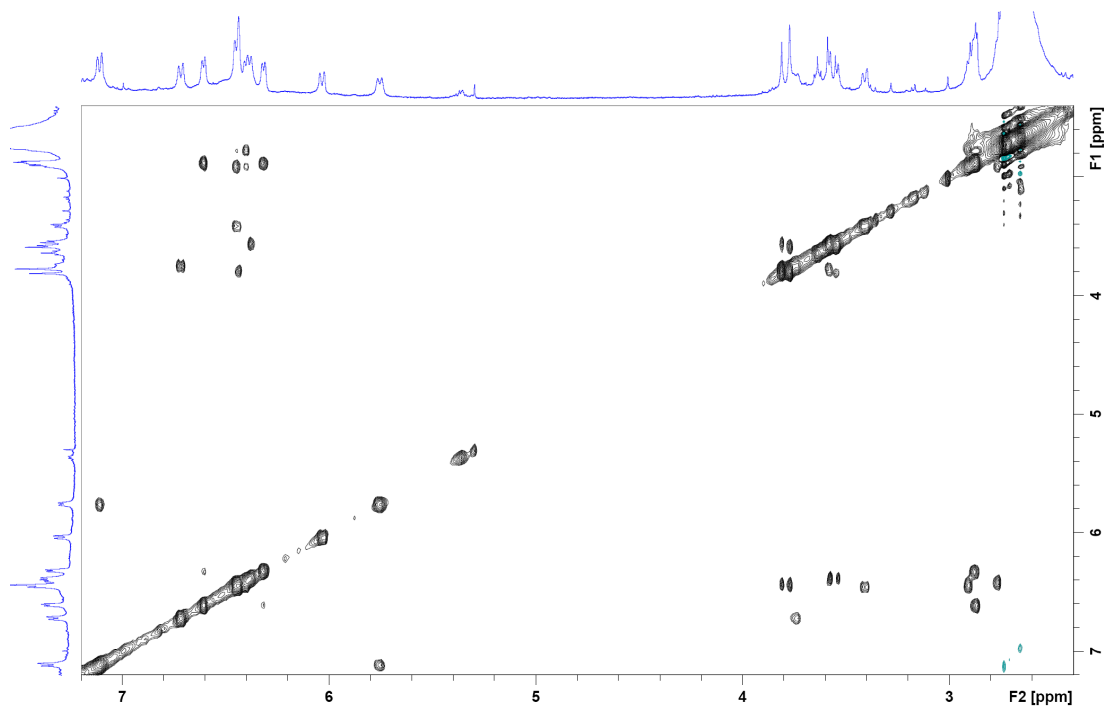


## 2D NMR-Spectra [1-2]<sub>n</sub>

### COSY



### NOESY



## ROESY

