

Electronic Supplementary Information (ESI) for

Hypercrosslinked Porous Polycarbazoles via One-Step Oxidative Coupling Reaction and Friedel-Crafts Alkylation

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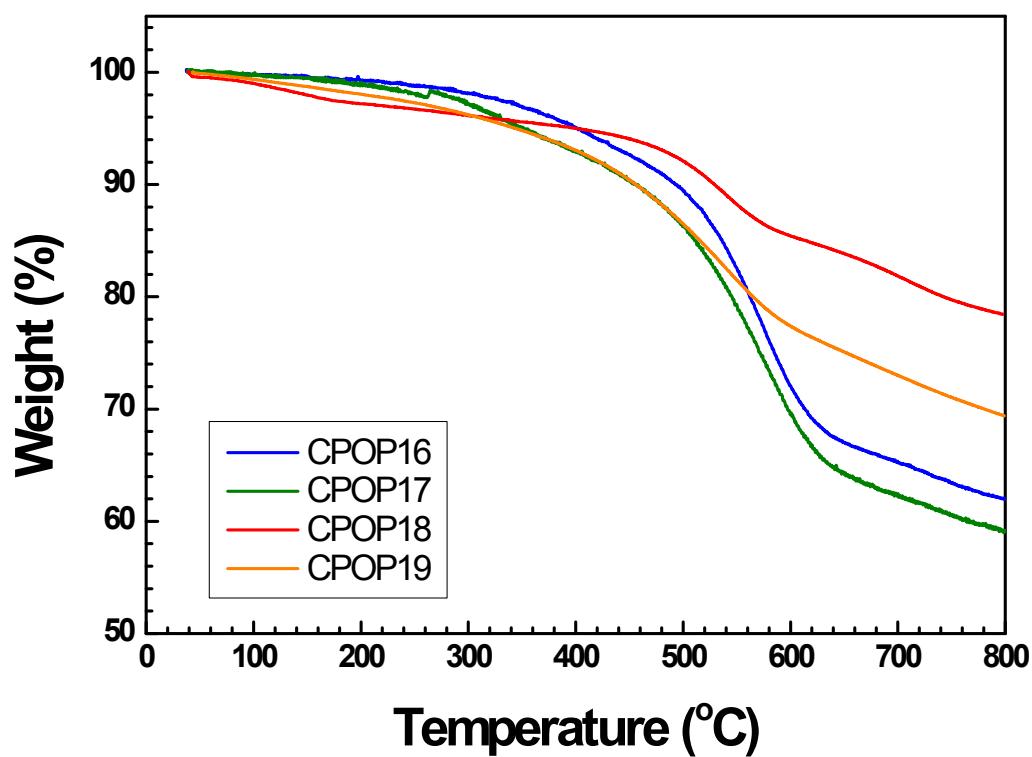


Fig. S1. Thermogravimetric analysis of CPOP-16~19 (under nitrogen).

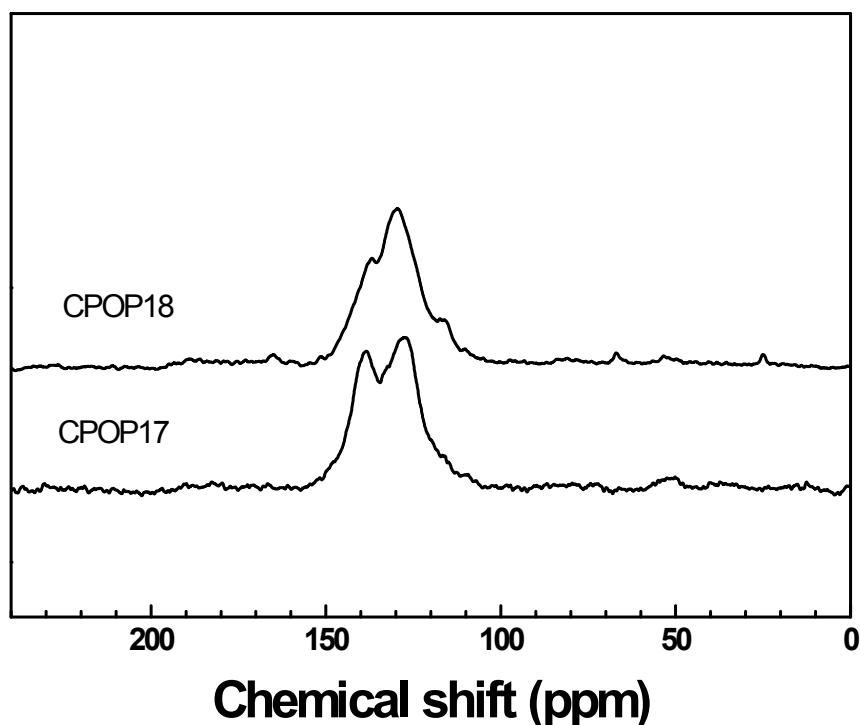


Fig. S2. ^{13}C CP/MAS NMR spectra of CPOP-18 and CPOP-19.

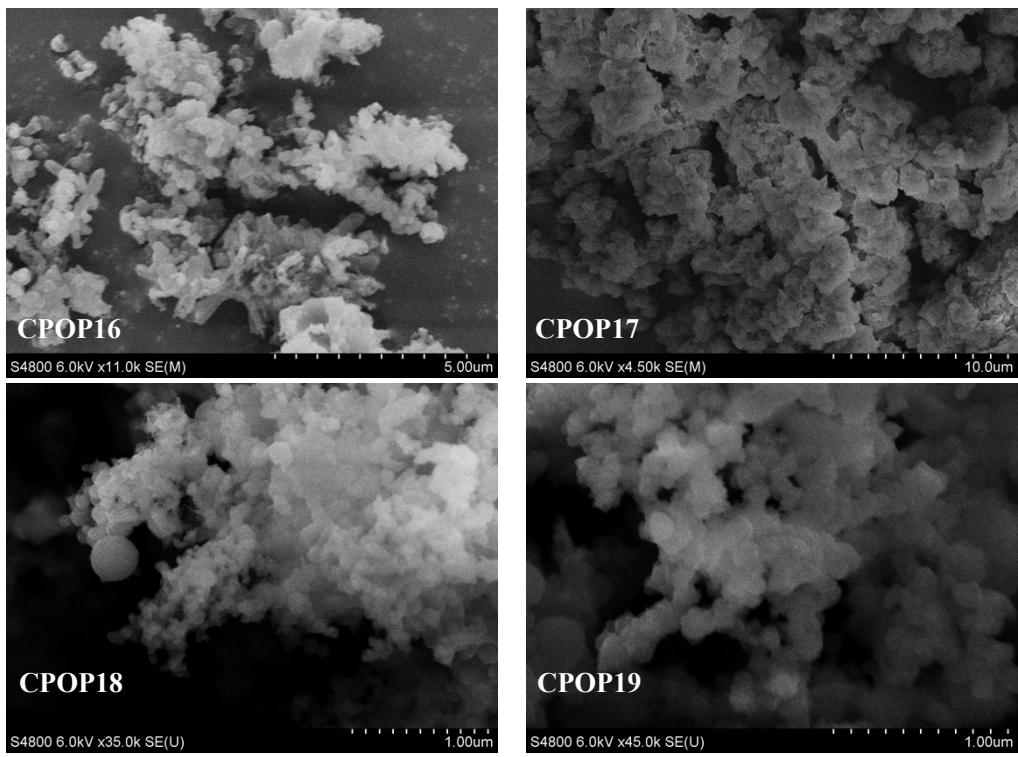


Fig. S3. SEM images of **CPOP-16~19**.

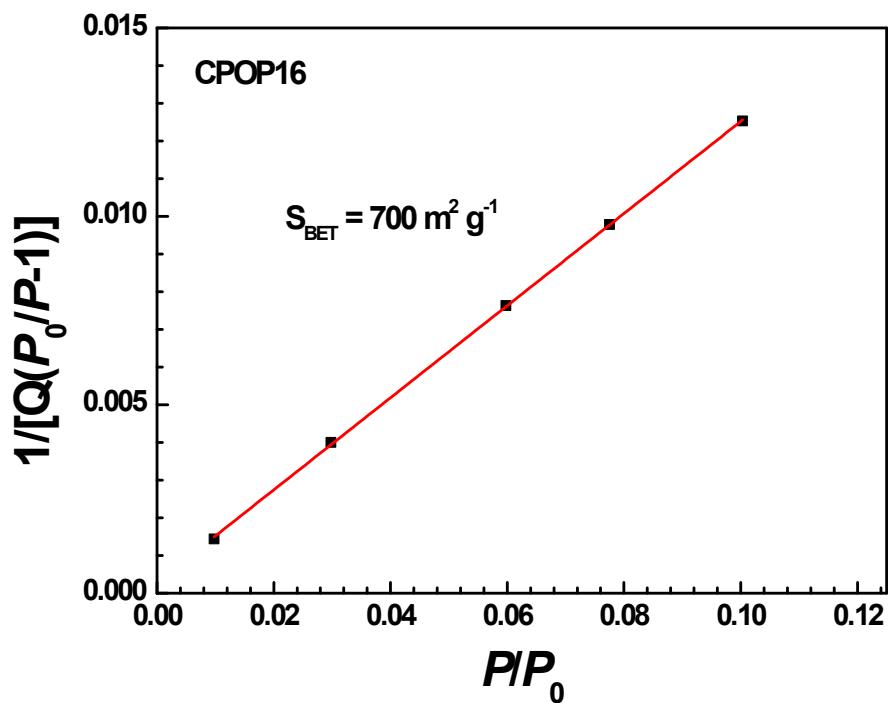


Fig. S4a. BET specific surface area plot of CPOP-16.

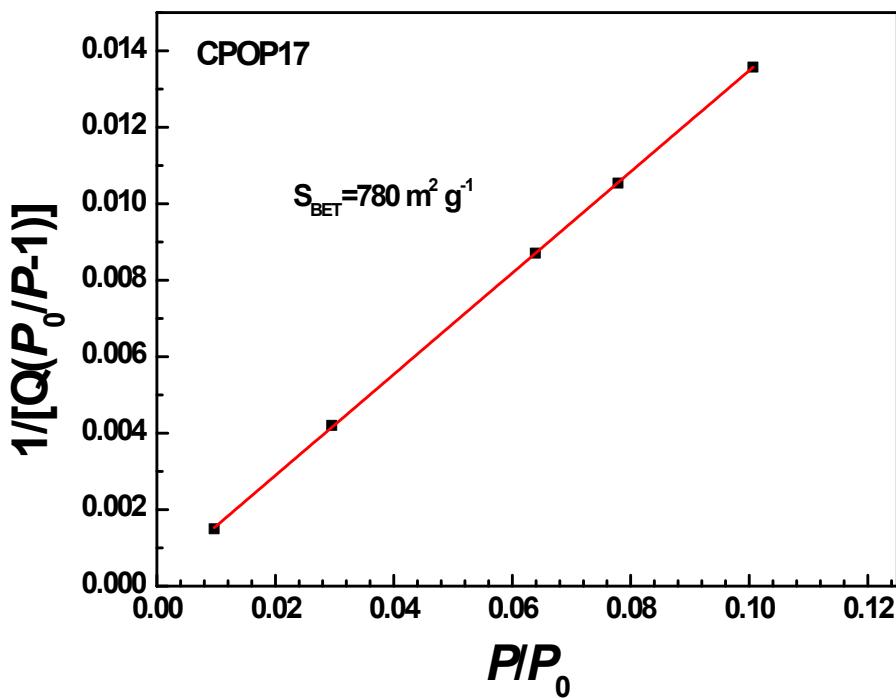


Fig. S4b. BET specific surface area plot of CPOP-17.

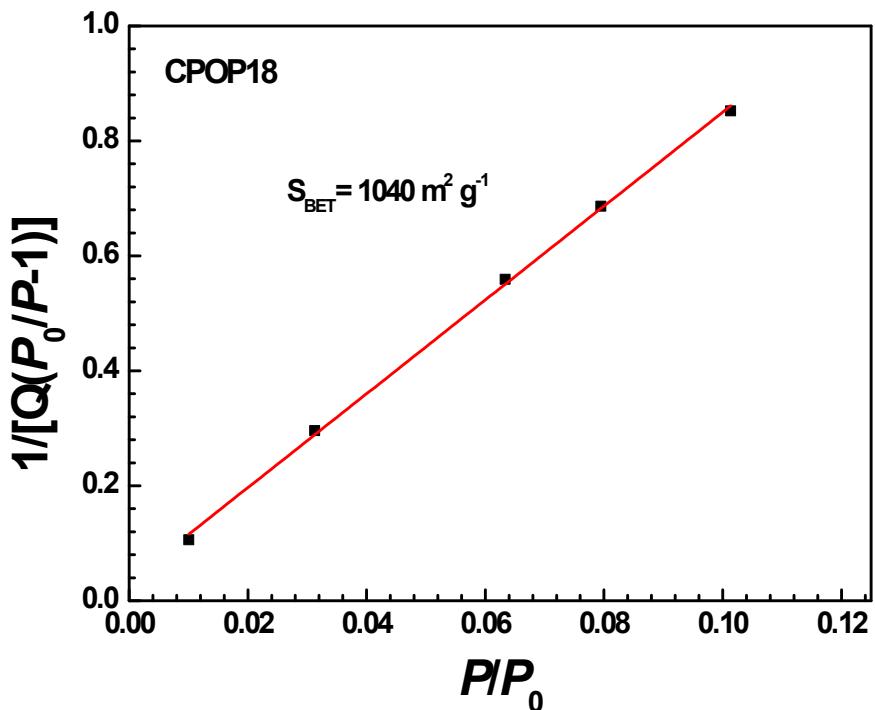


Fig. S4c. BET specific surface area plot of CPOP-18.

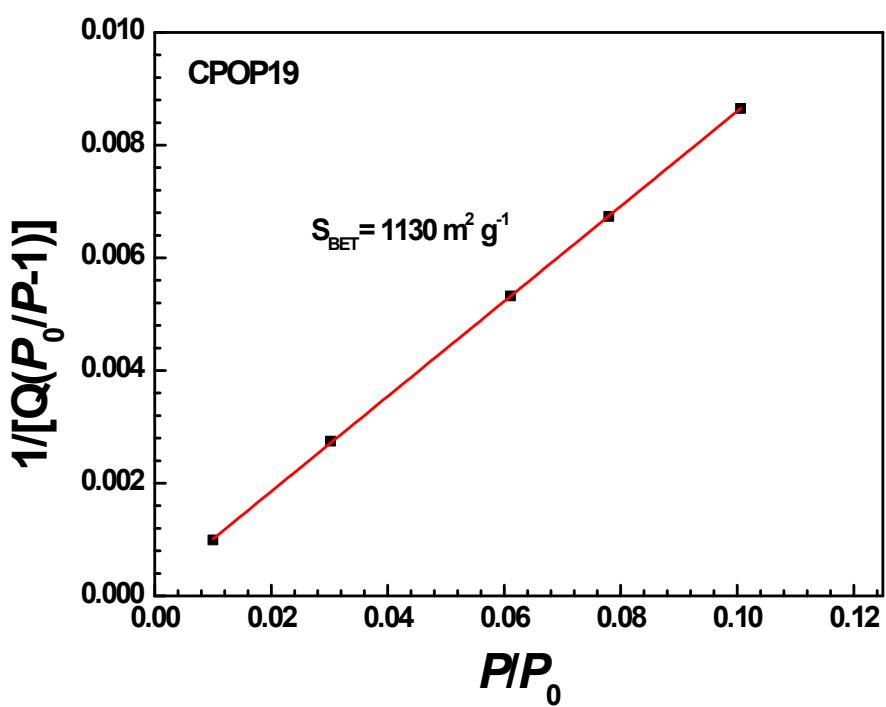


Fig. S4d. BET specific surface area plot of CPOP-19.

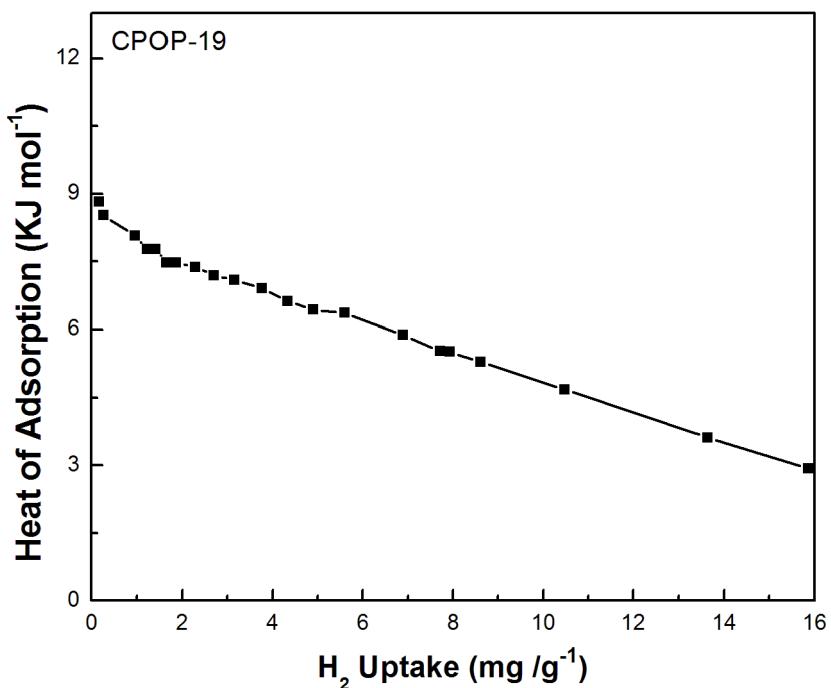


Fig. S5. The isosteric heat of H₂ adsorption of **CPOP-19**

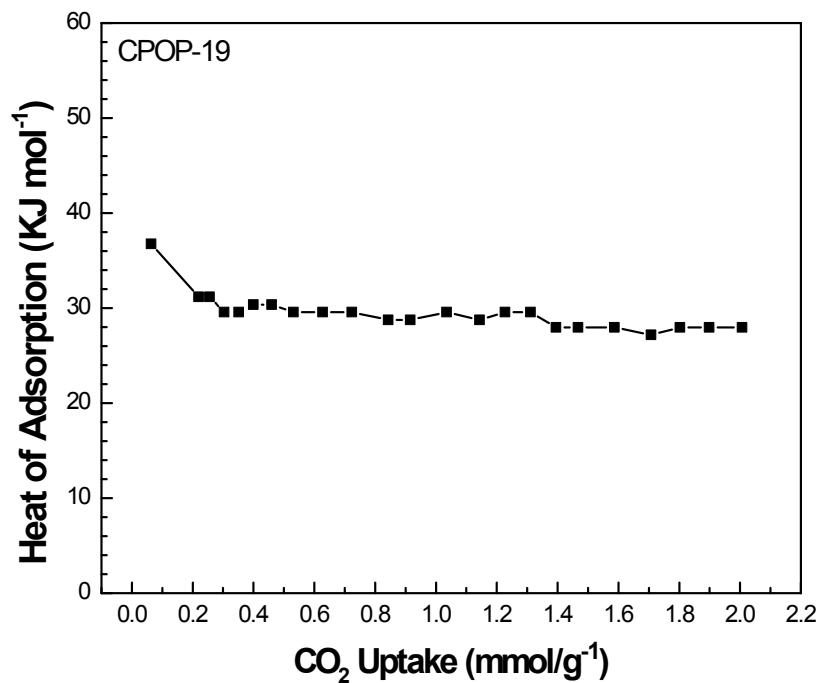
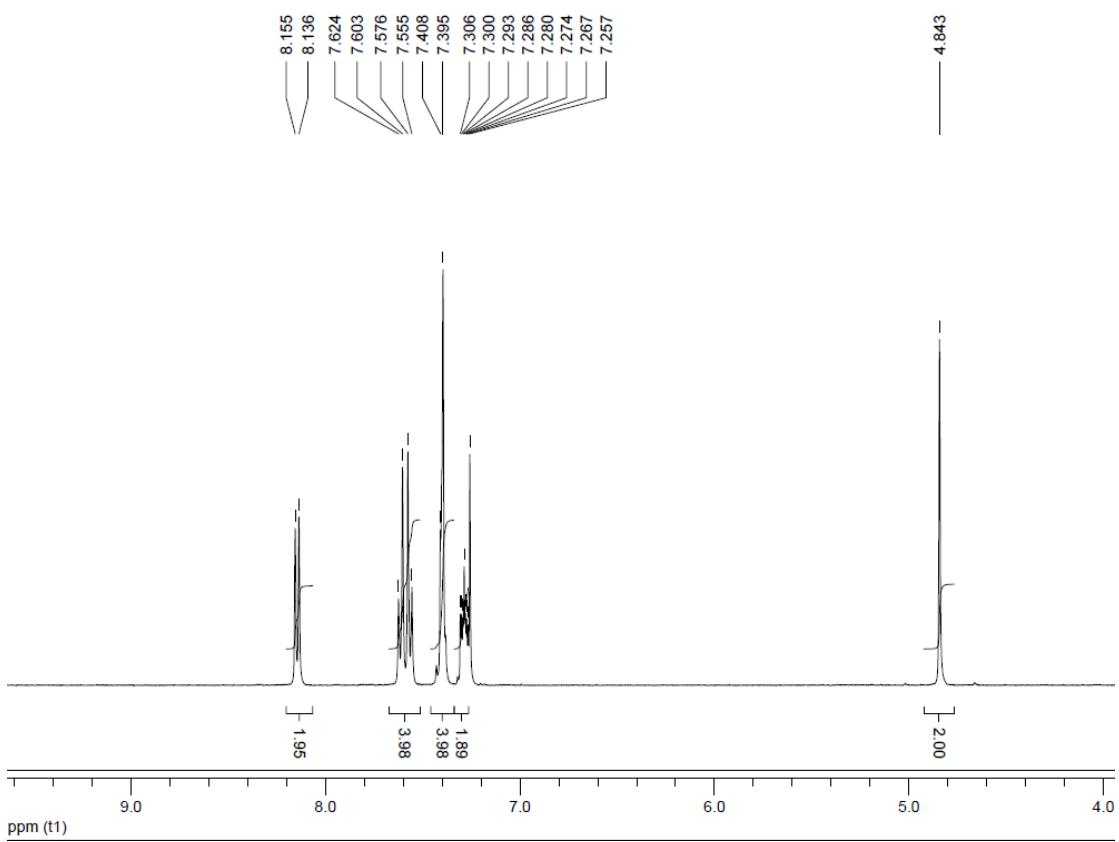
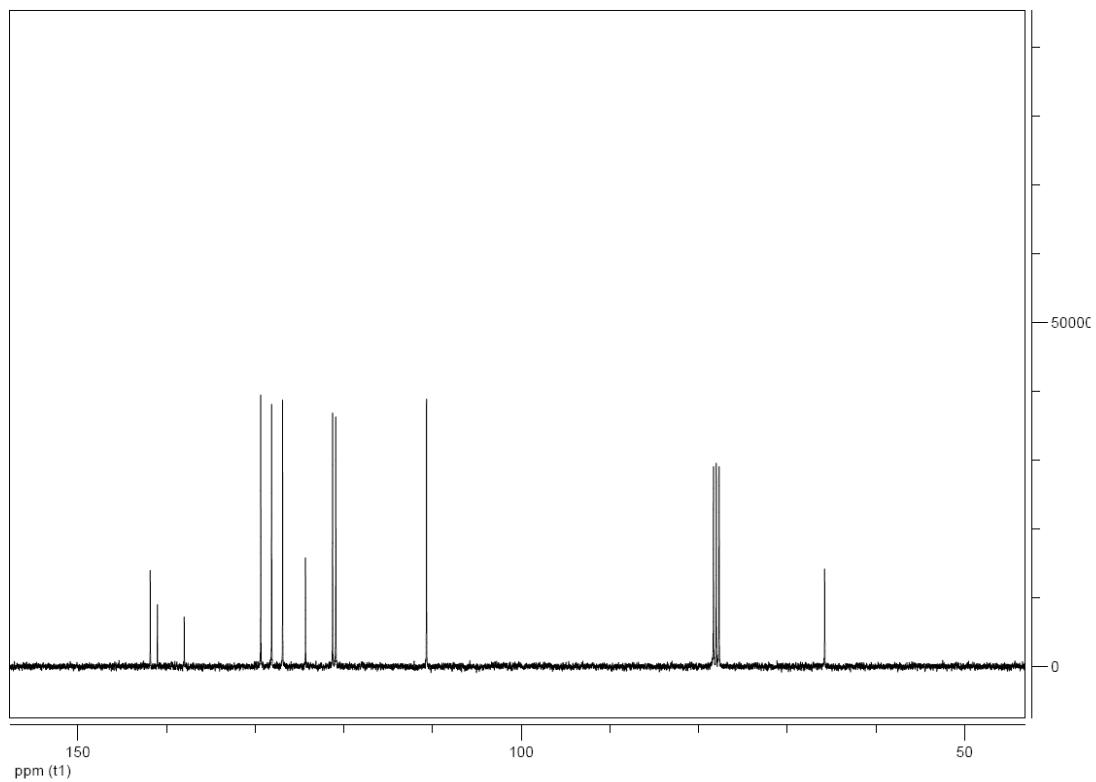


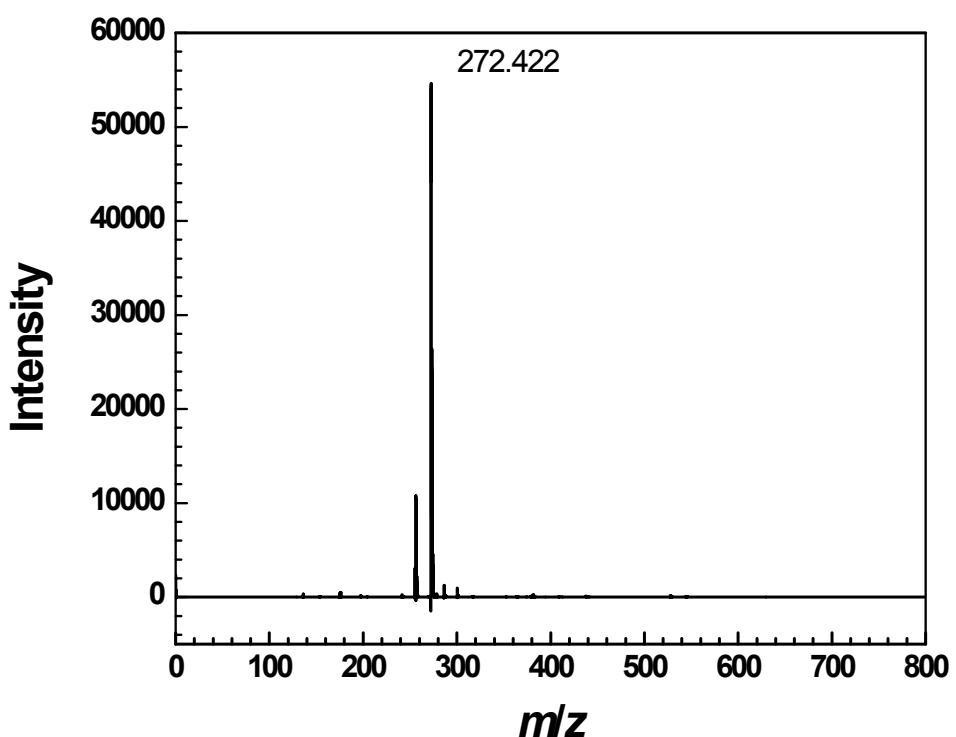
Fig. S6. The isosteric heat of CO₂ adsorption of **CPOP-19**



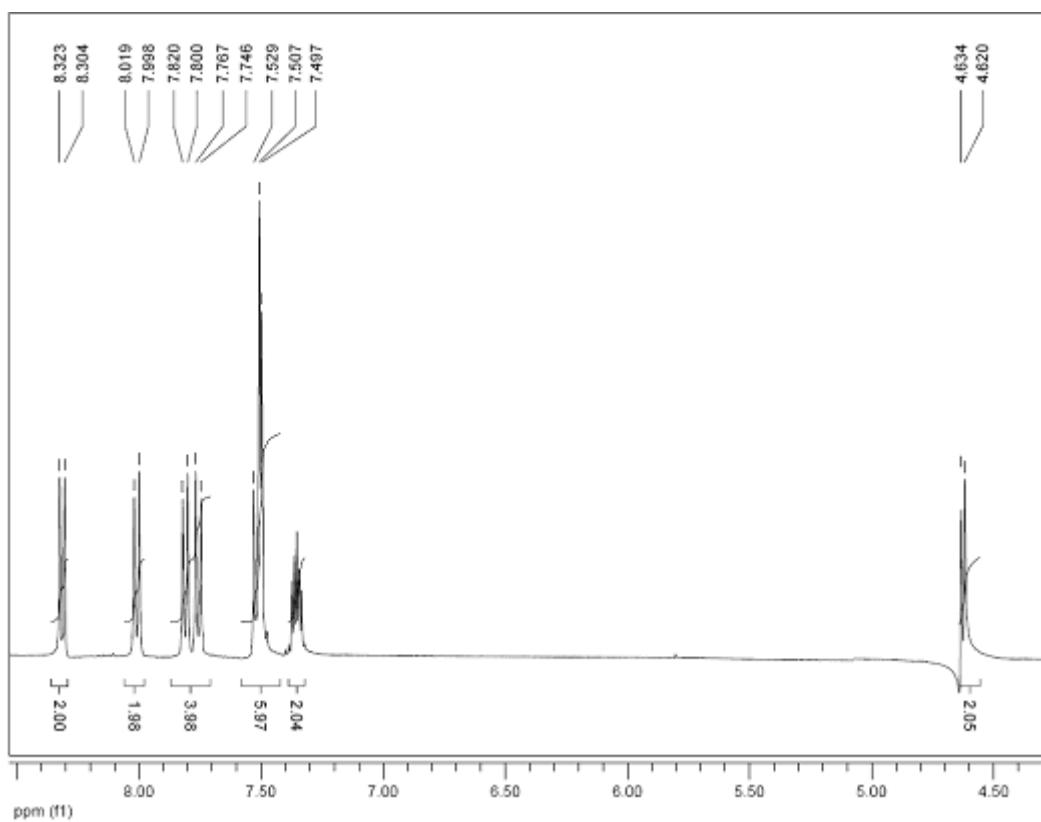
¹H NMR of Cz-16



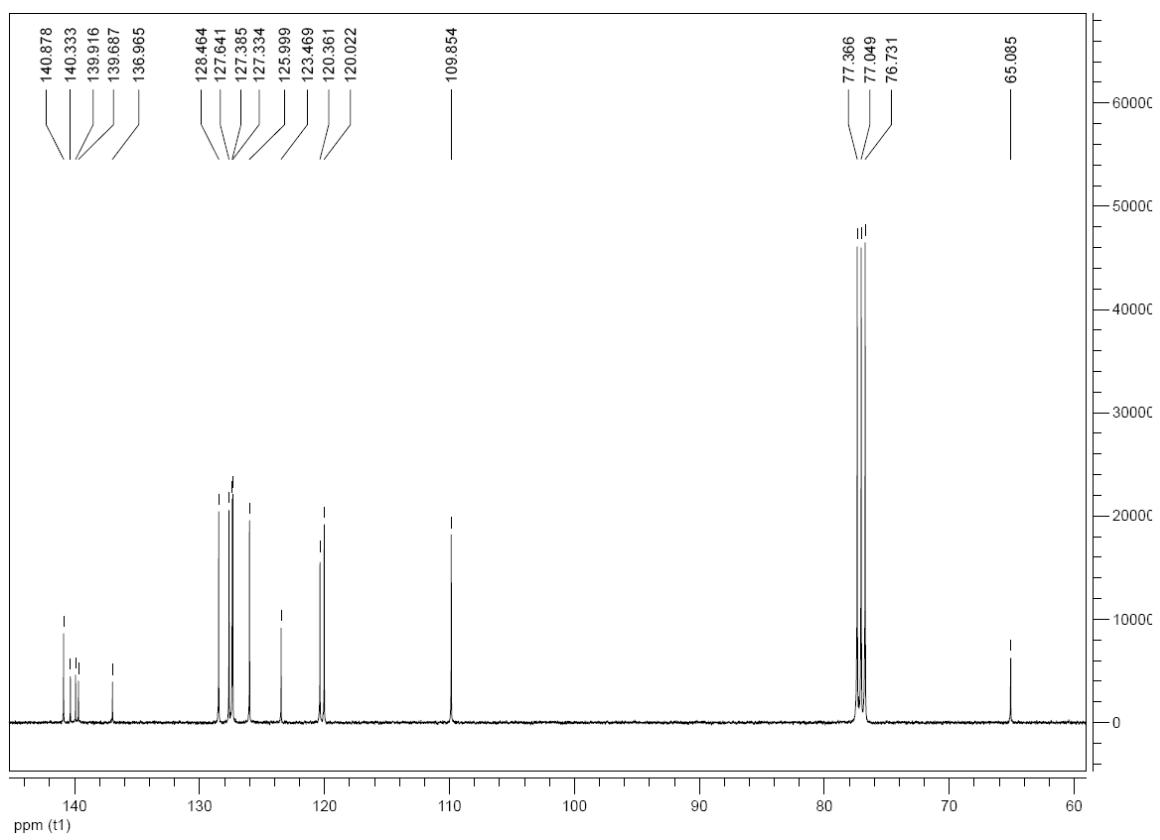
¹³C NMR of Cz-16



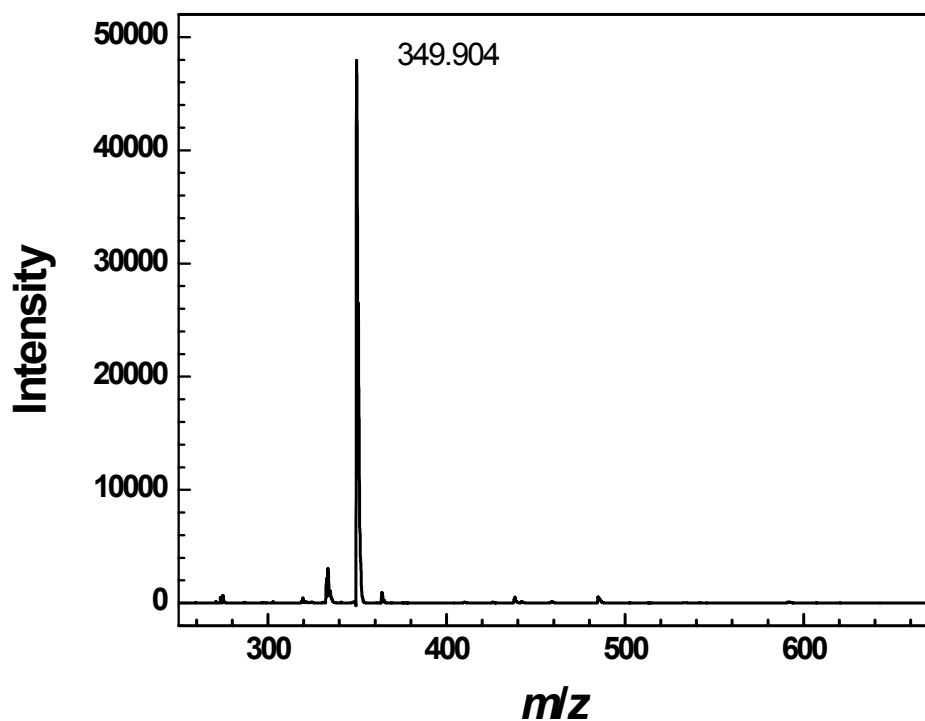
MS of Cz-16



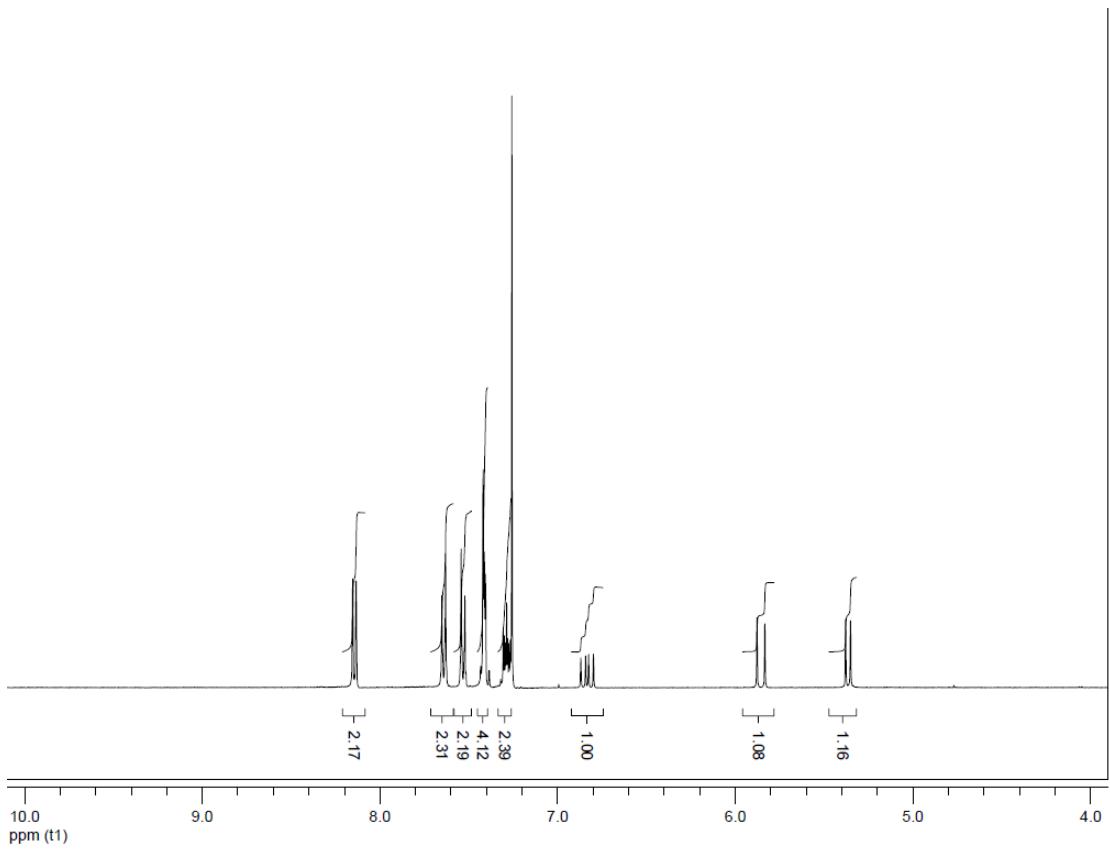
^1H NMR of Cz-17



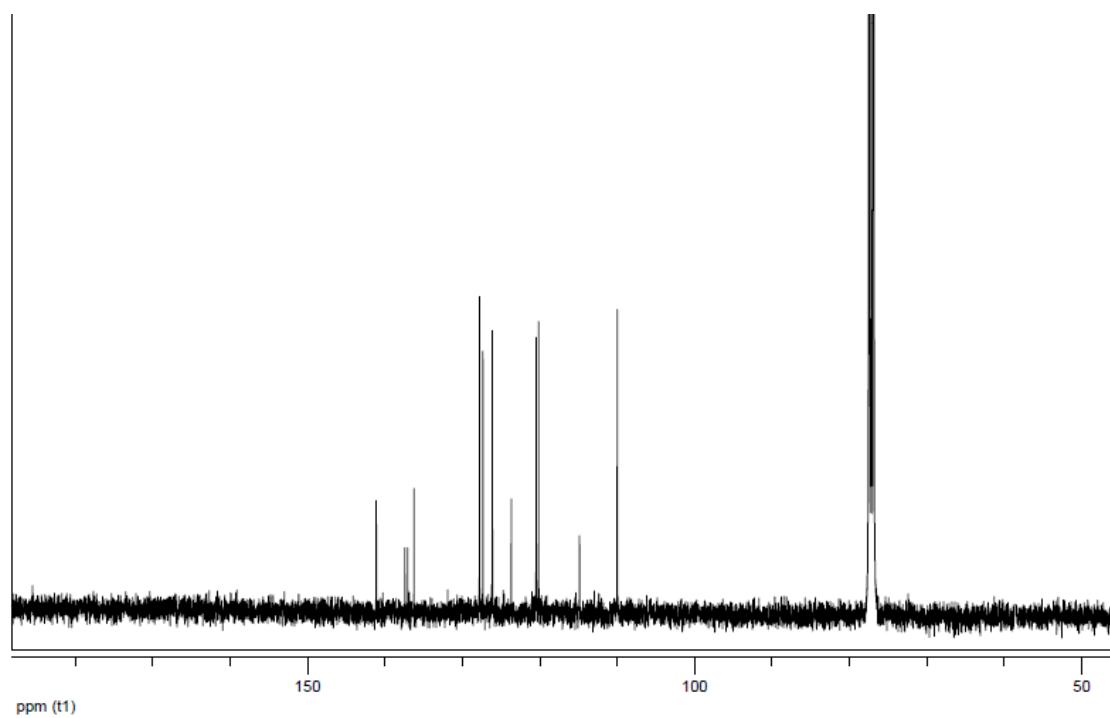
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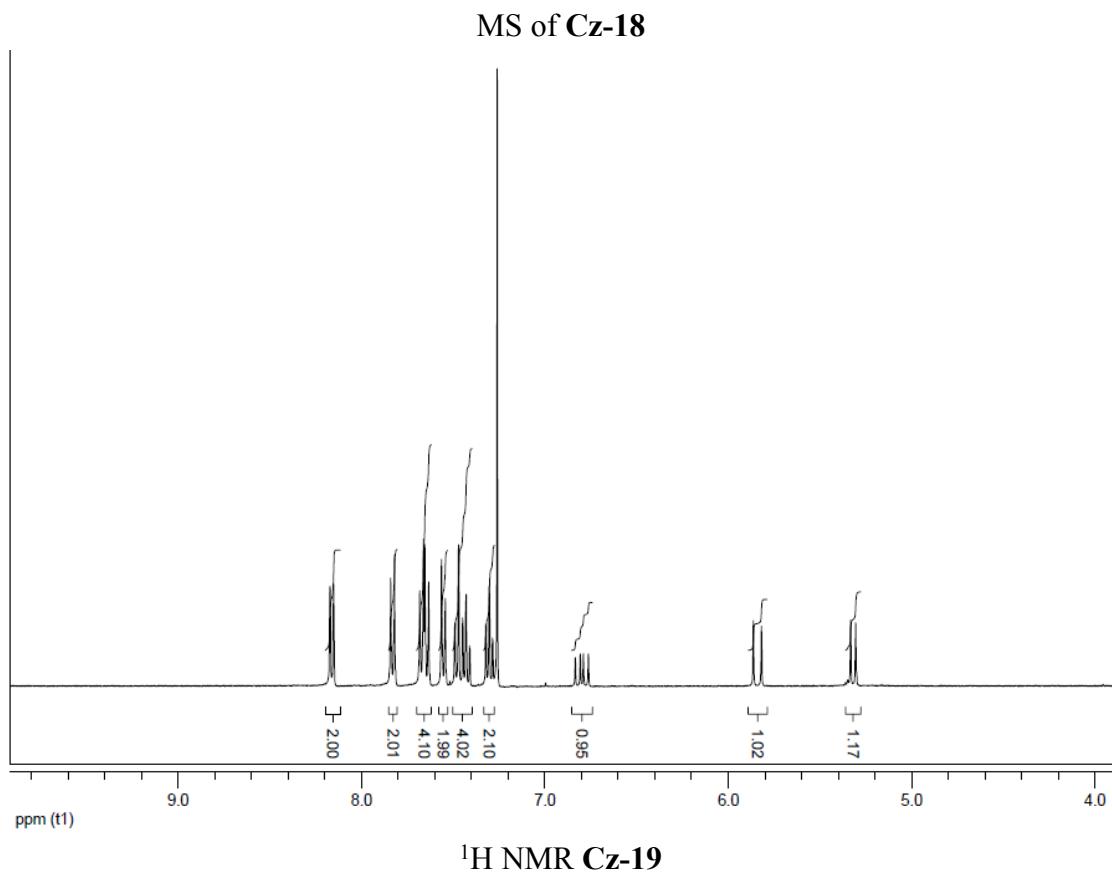
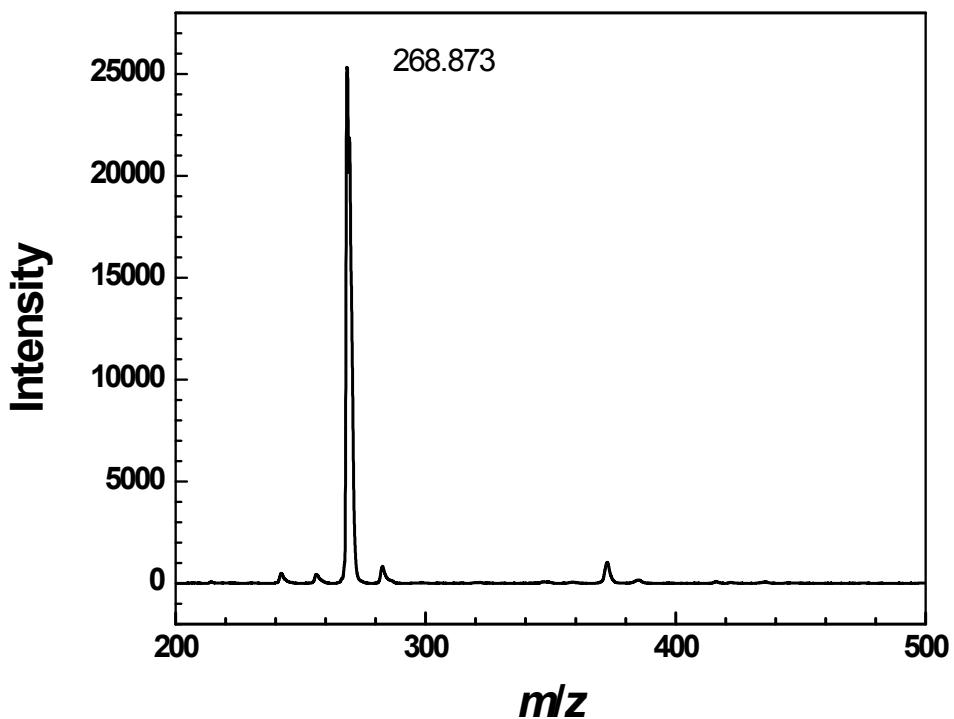
MS of **Cz-17**

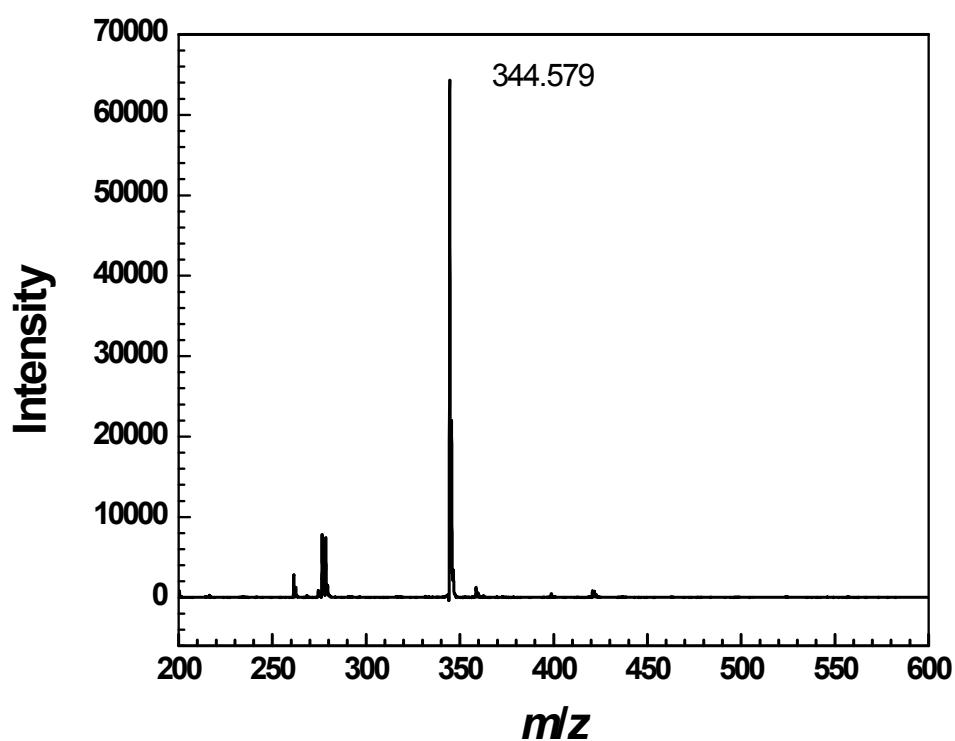
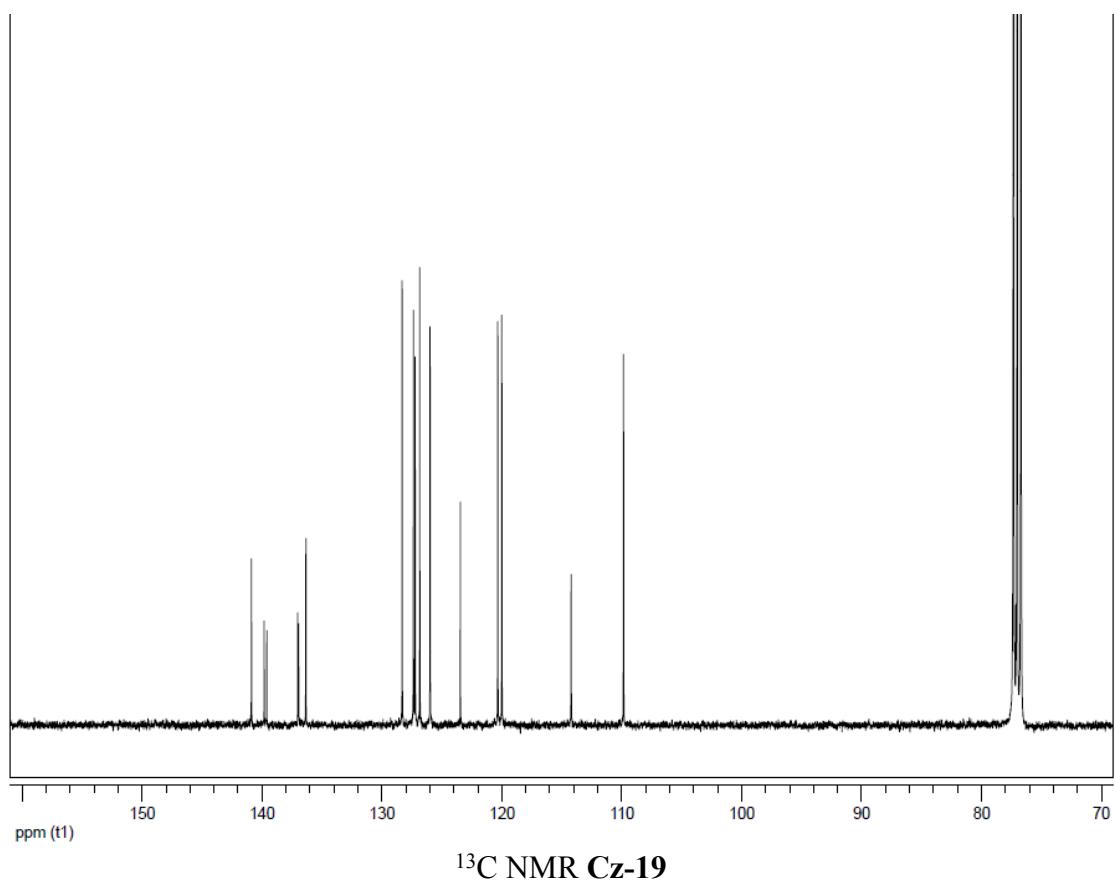


^1H NMR of Cz-18



^{13}C NMR of Cz-18





MS of Cz-19