

Supplementary Materials

Hexakis[p-(hydroxymethyl)phenoxy]cyclotriphosphazene as an Environmentally Friendly Modifier for Polyurethane Powder Coatings with Increased Thermal Stability and Corrosion Resistance

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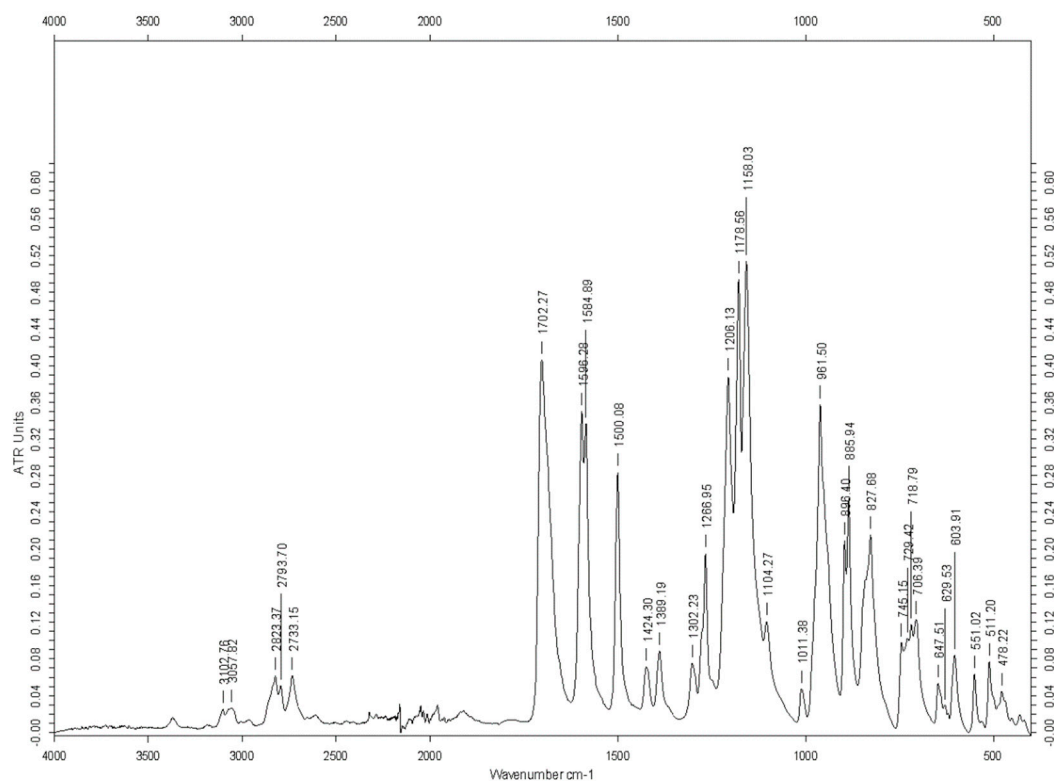


Figure S1. FT-IR spectrum of Hexakis(4-formylphenoxy)cyclotriphosphazene (2).

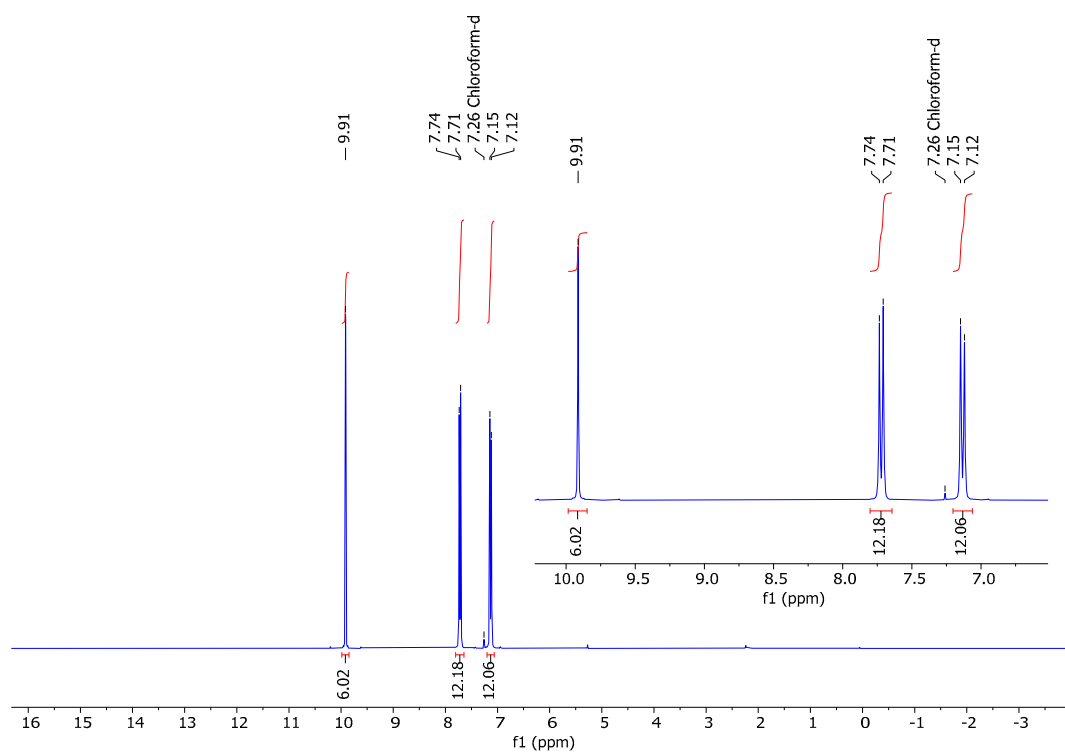


Figure S2. ¹H NMR spectrum of Hexakis(4-formylphenoxy)cyclotriphosphazene (2) in CDCl₃.

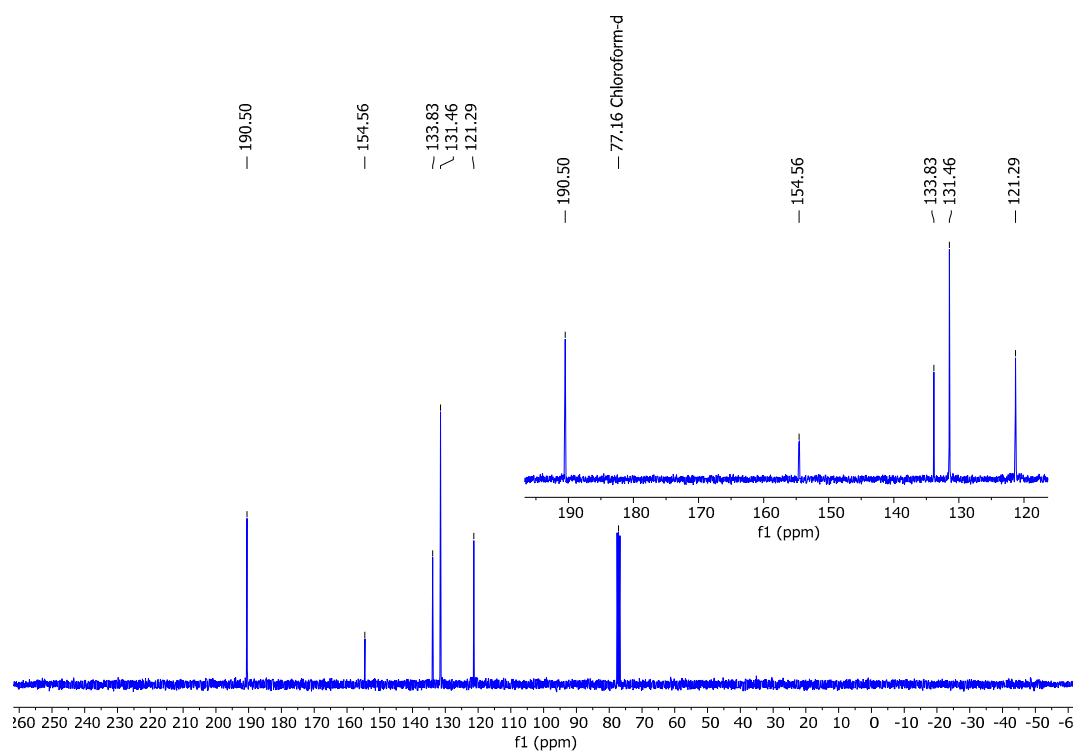


Figure S3. ¹³C NMR spectrum of Hexakis(4-formylphenoxy)cyclotriphosphazene (2) in CDCl₃.

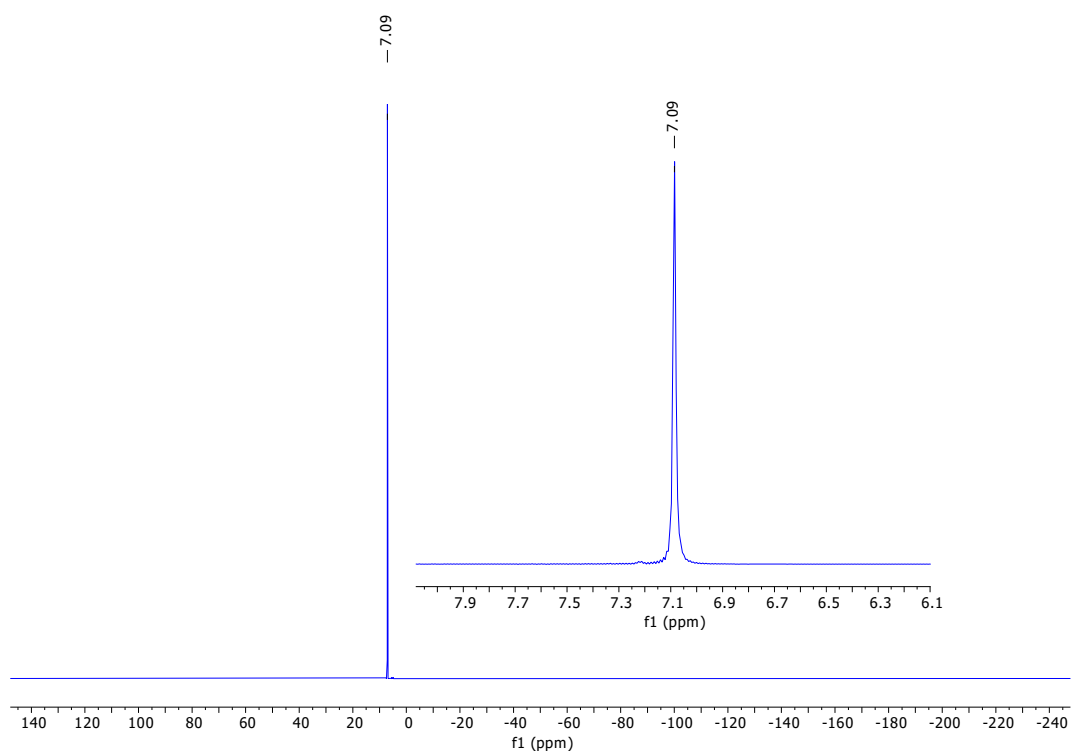


Figure S4. ^{31}P NMR spectrum of Hexakis(4-formylphenoxy)cyclotriphosphazene (2) in CDCl_3 .

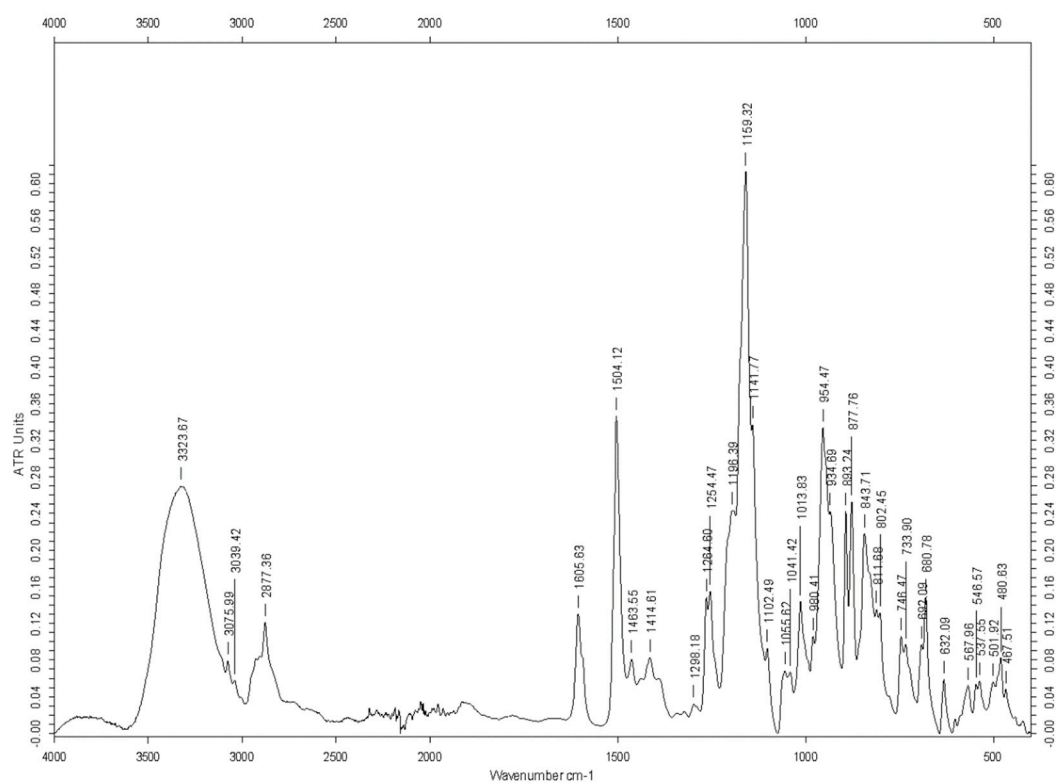


Figure S5. FT-IR spectrum of Hexakis(4-(hydroxymethyl)phenoxy)cyclotriphosphazene (3).

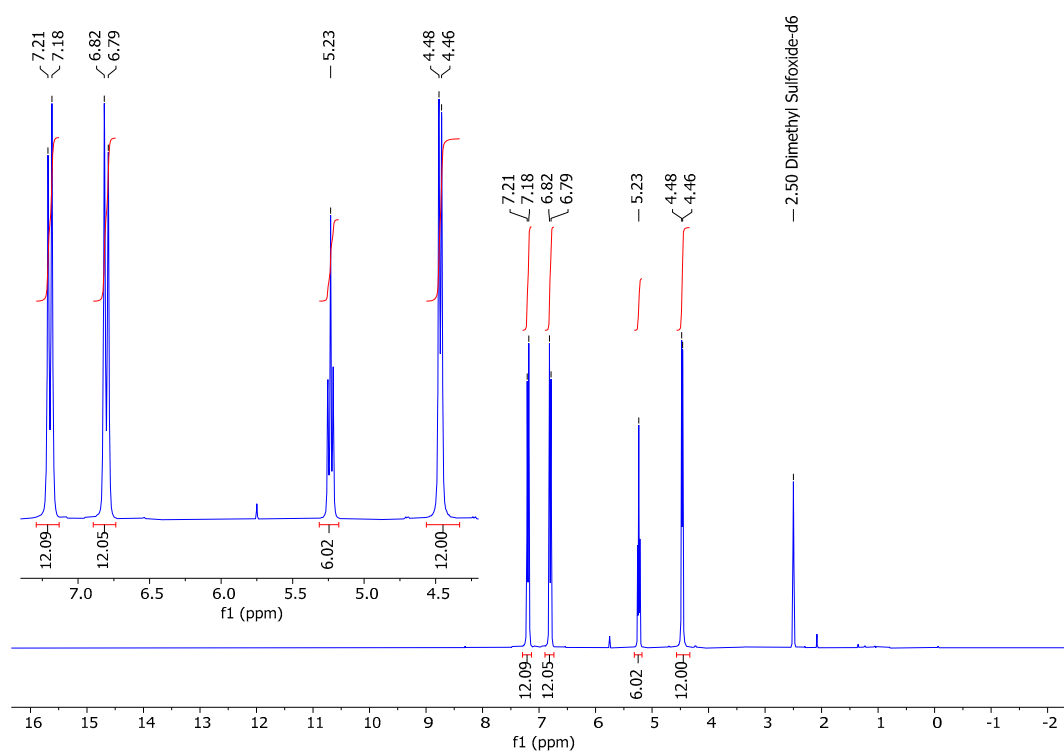


Figure S6. ¹H NMR spectrum of Hexakis(4-(hydroxymethyl)phenoxy)cyclotriphosphazene (3) in DMSO-d₆.

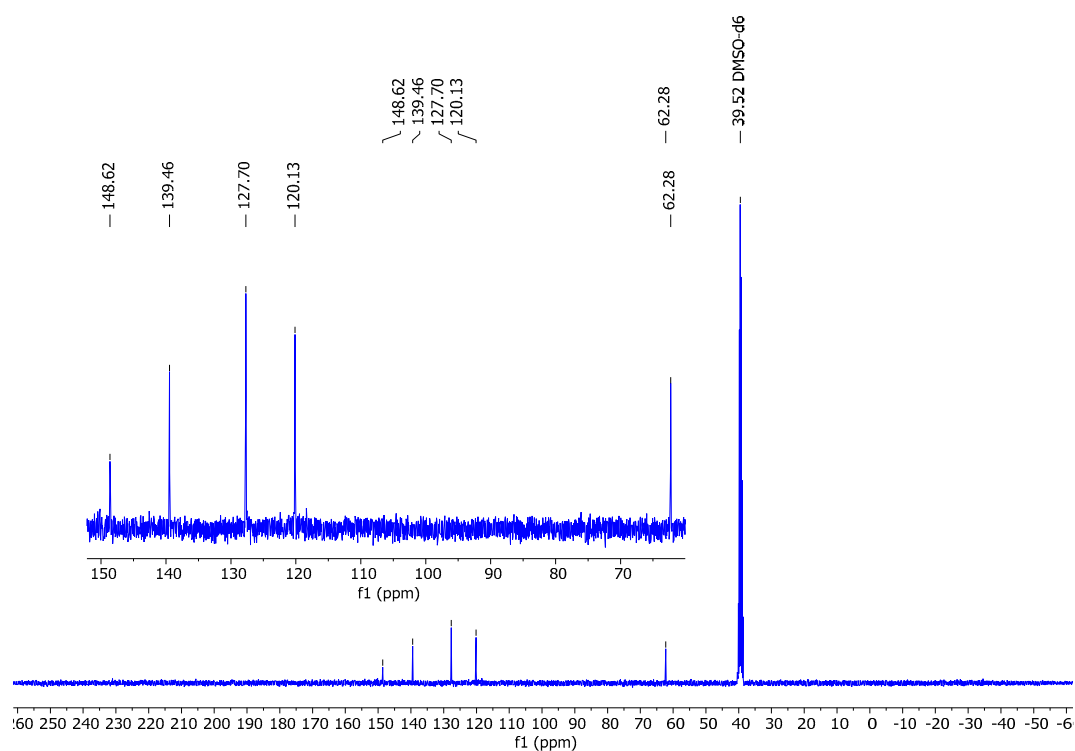


Figure S7. ¹³C NMR spectrum of Hexakis(4-(hydroxymethyl)phenoxy)cyclotriphosphazene (3) in DMSO-d₆.

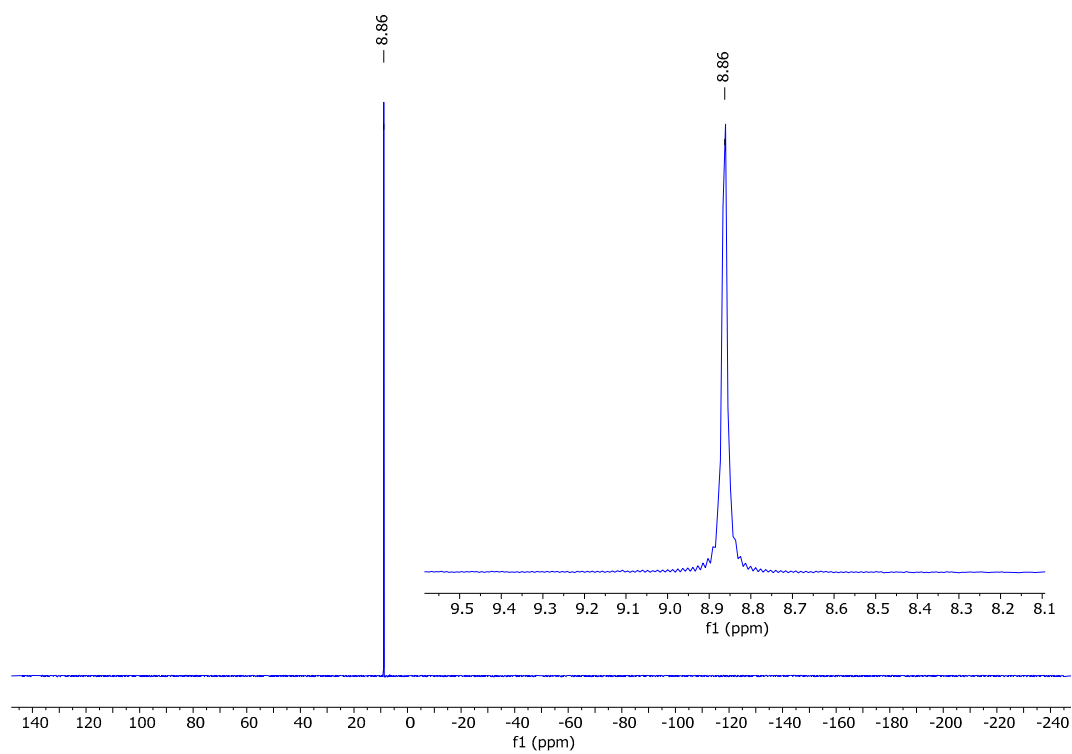


Figure S8. ^{31}P NMR spectrum of Hexakis(4-(hydroxymethyl)phenoxy)cyclotriphosphazene (3) in DMSO- d_6 .