

Supporting Information for

Hierarchical Superstructures of the Norbornene-Based Polymers Depending on the Dendronized Side-Chains

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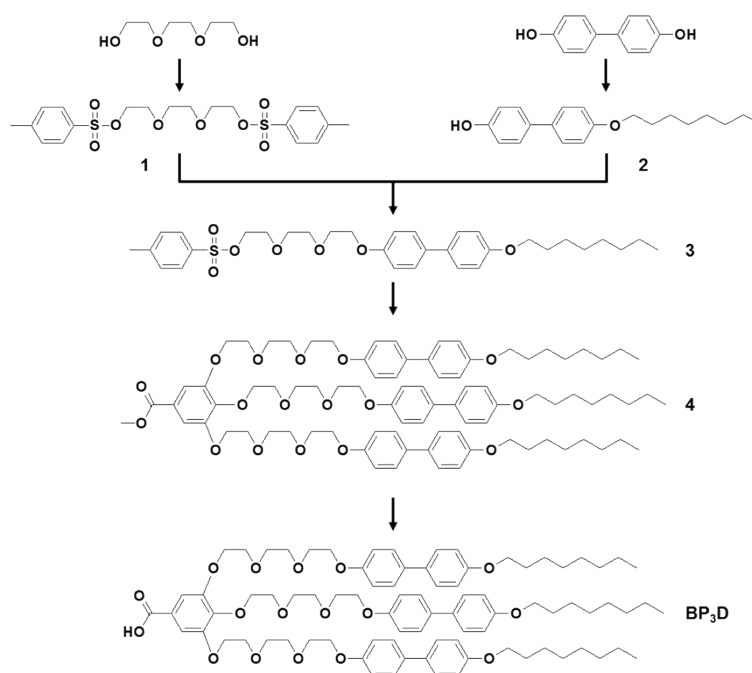


Figure S1. Synthesis of BP₃D.

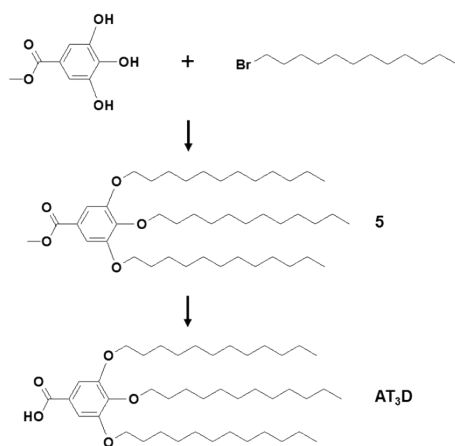


Figure S2. Synthesis of AT₃D.

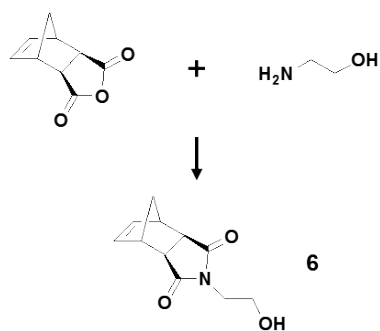


Figure S3. Synthesis of norbornene derivatives.

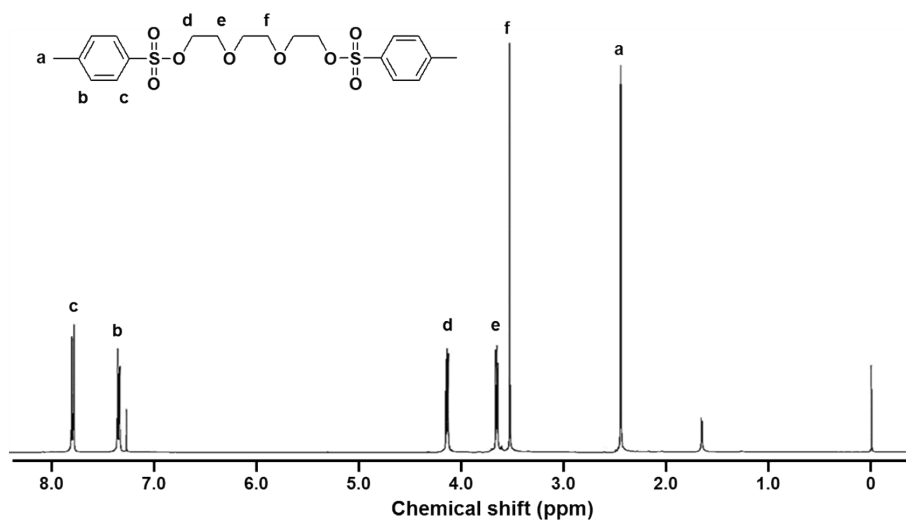


Figure S4. ¹H NMR spectrum of compound 1.

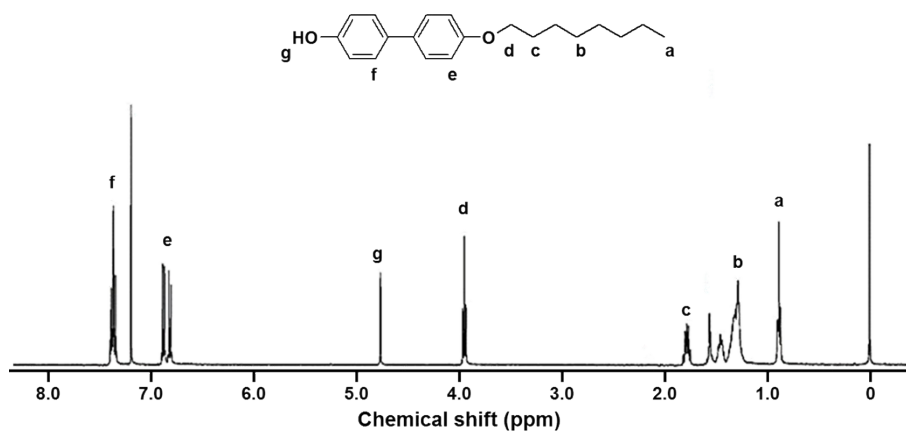


Figure S5. ¹H NMR spectrum of compound 2.

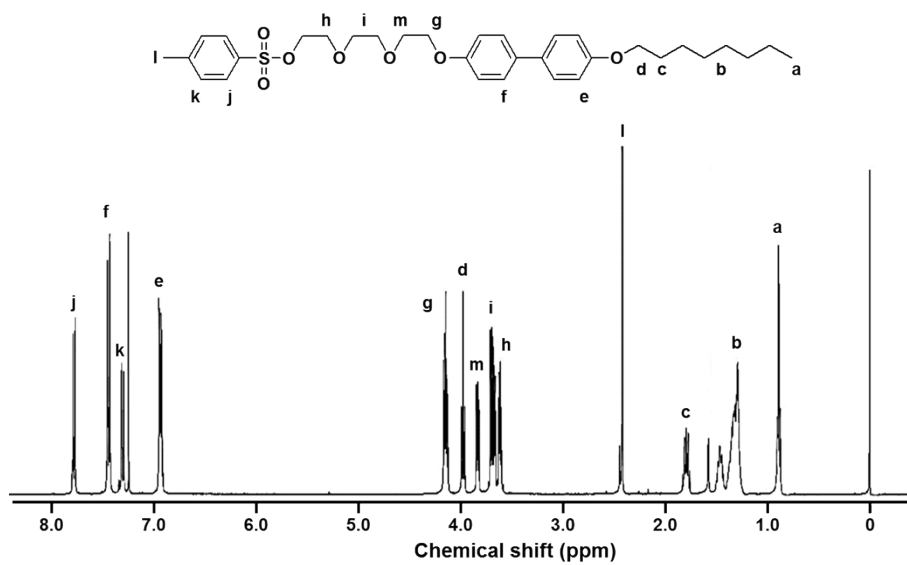


Figure S6. ¹H NMR spectrum of compound 3.

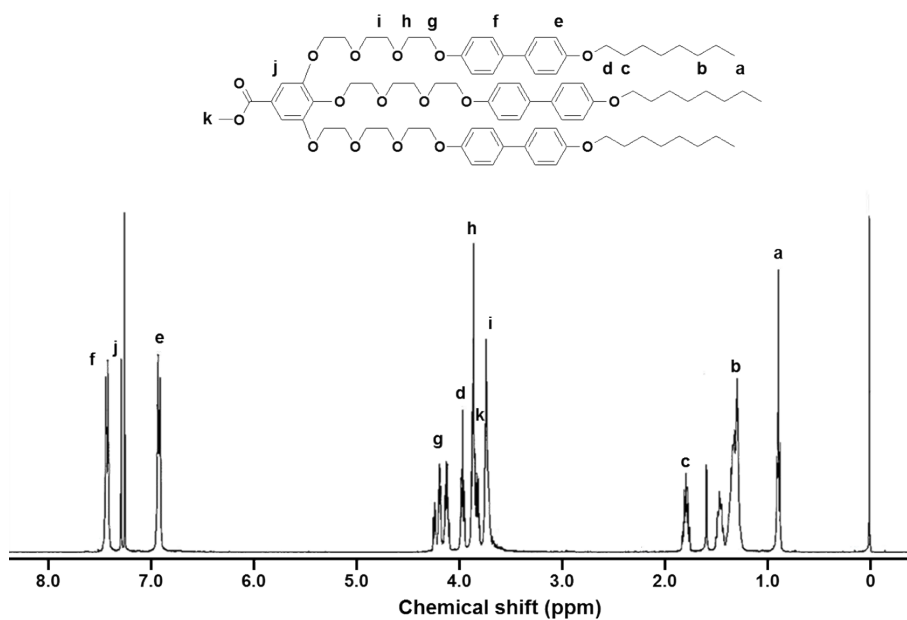


Figure S7. ¹H NMR spectrum of compound 4.

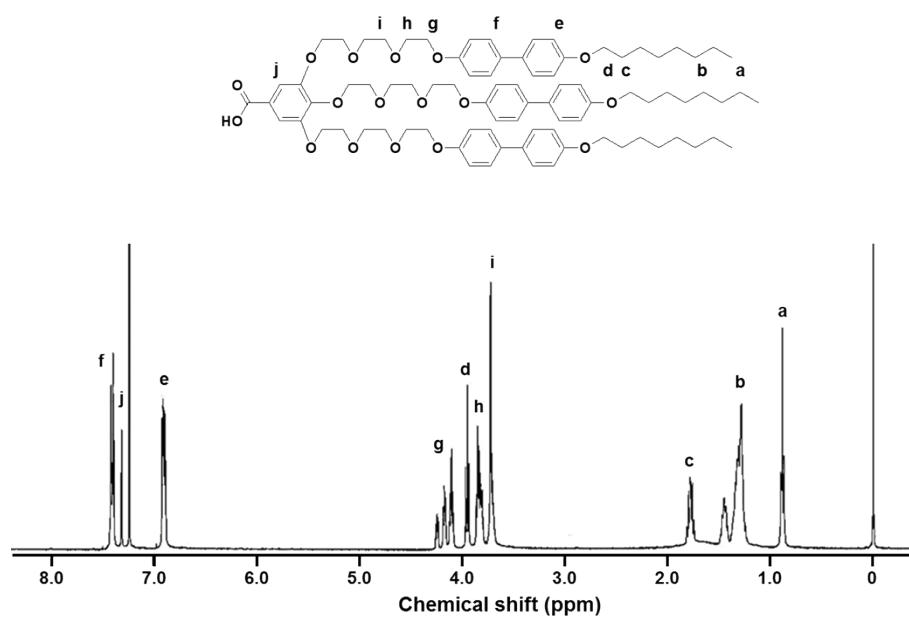


Figure S8. ¹H NMR spectrum of BP₃D.

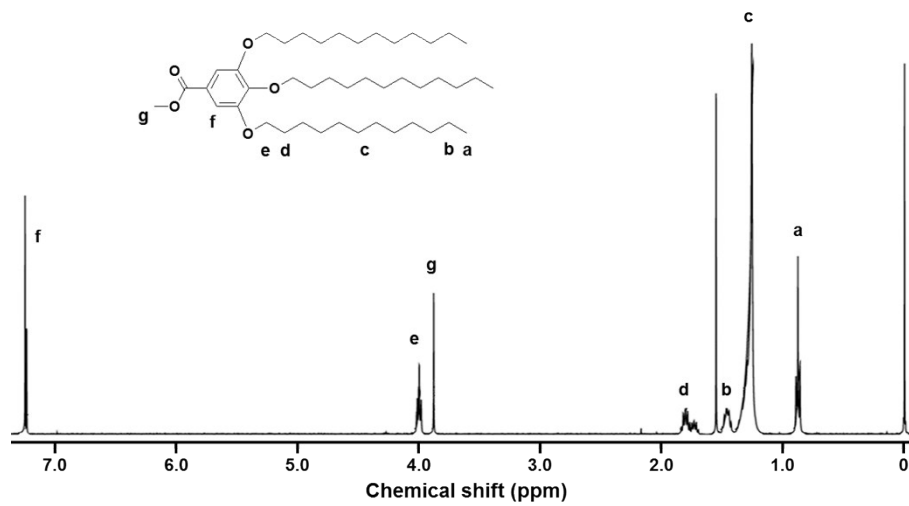


Figure S9. ¹H NMR spectrum of compound 5.

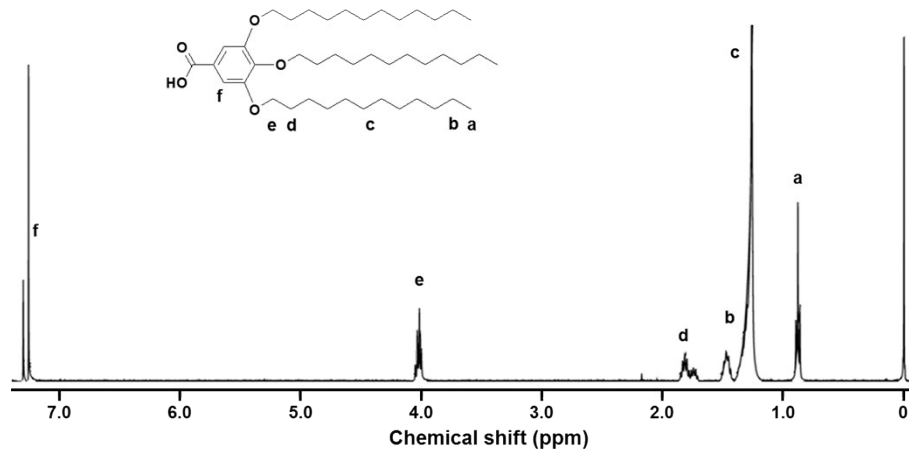


Figure S10. ¹H NMR spectrum of AT₃D.

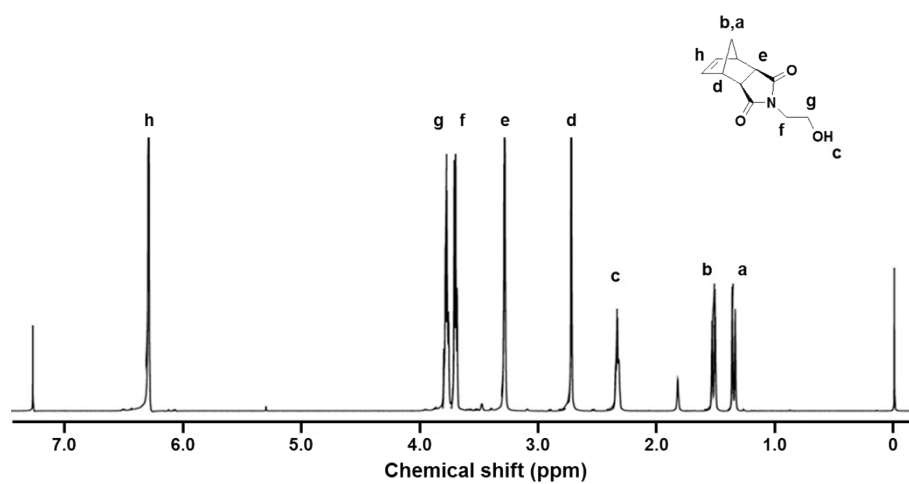


Figure S11. ¹H NMR spectrum of compound 6.

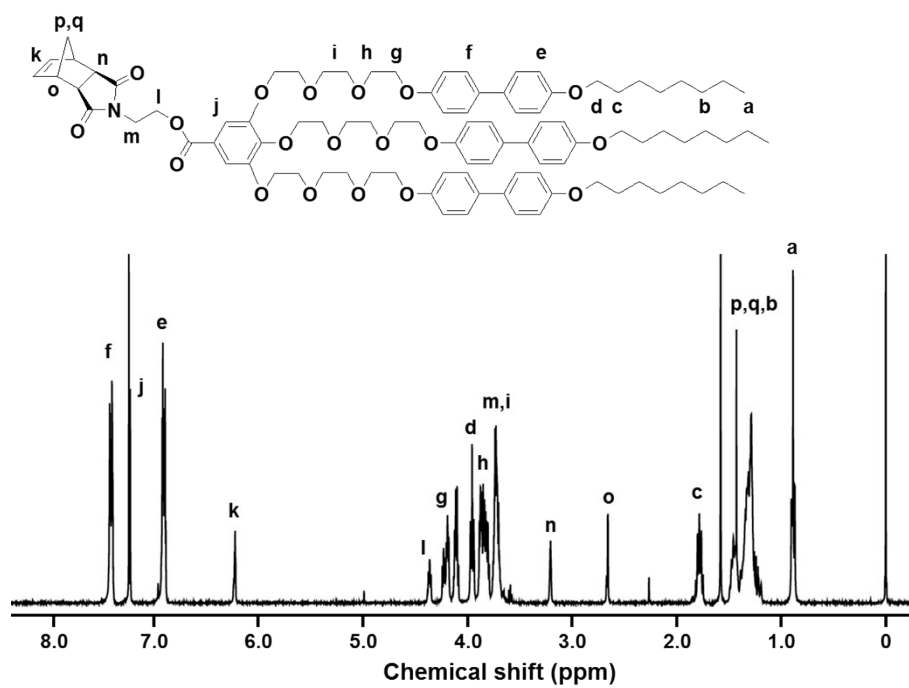


Figure S12. ¹H NMR spectrum of BP₃M.

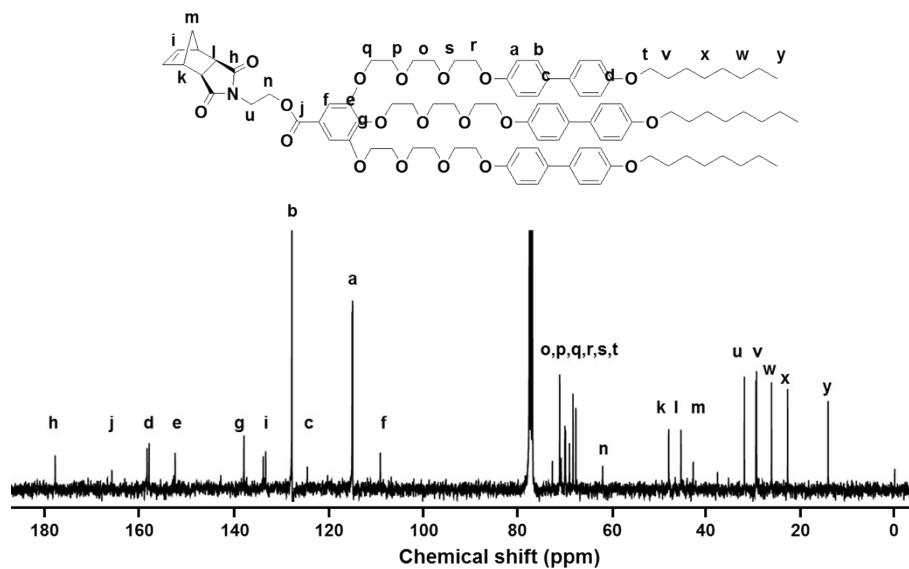


Figure S13. ¹³C NMR spectrum of BP₃M.

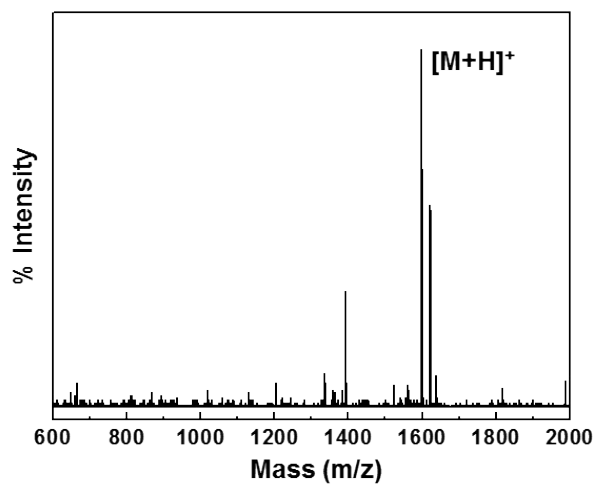


Figure S14. MALDI-ToF mass spectrum of BP₃M.

	Experimental Content (%)	Calculated Content (%)
	71.75	
C	71.96	72.20
	72.08	
	7.72	
H	7.33	7.89
	7.87	
	0.76	
N	0.79	0.88
	0.82	

Figure S15. Elemental analysis of BP₃M.

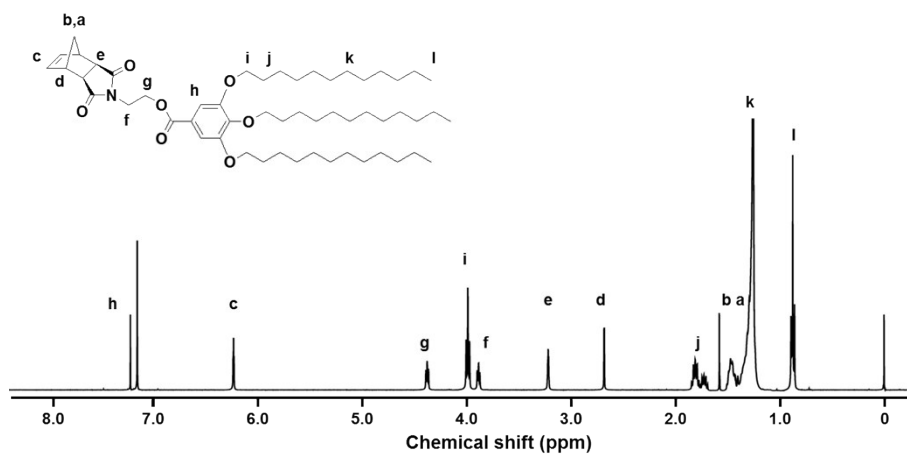


Figure S16. ¹H NMR spectrum of AT₃M.

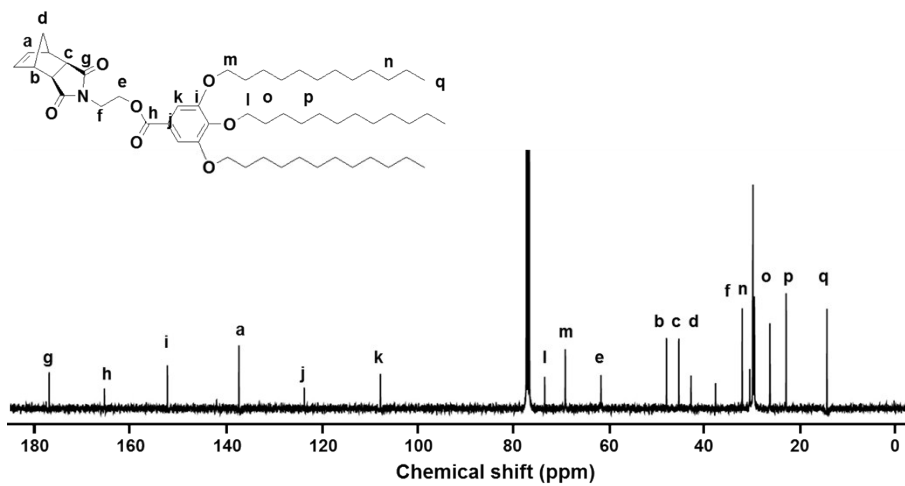


Figure S17. ¹³C NMR spectrum of AT₃M.

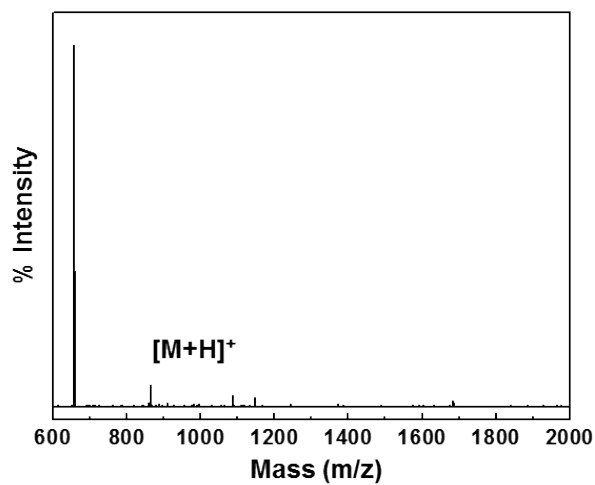


Figure S18. MALDI-ToF mass spectrum of AT₃M.

	Experimental Content (%)	Calculated Content (%)
	74.89	
C	74.94	75.04
	75.01	

	10.17	
H	10.22	10.38
	10.31	

	1.39	
N	1.42	1.62
	1.54	

Figure S19. Elemental analysis of AT₃M.

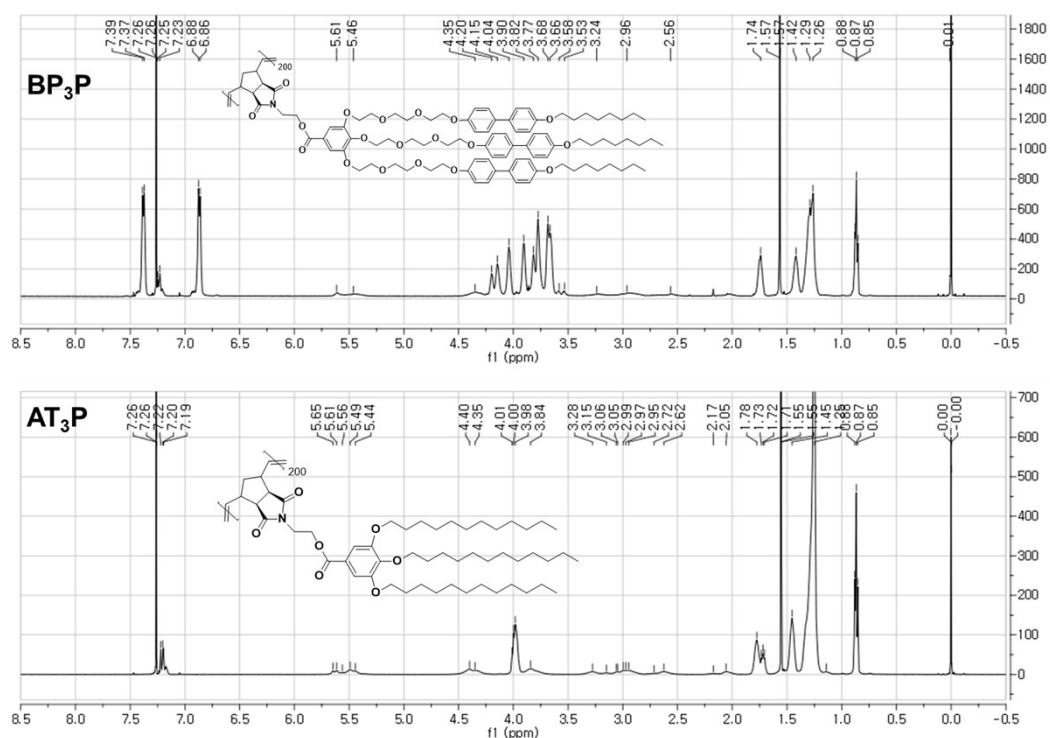


Figure S20. ¹H NMR spectrum of BP₃P and AT₃P.

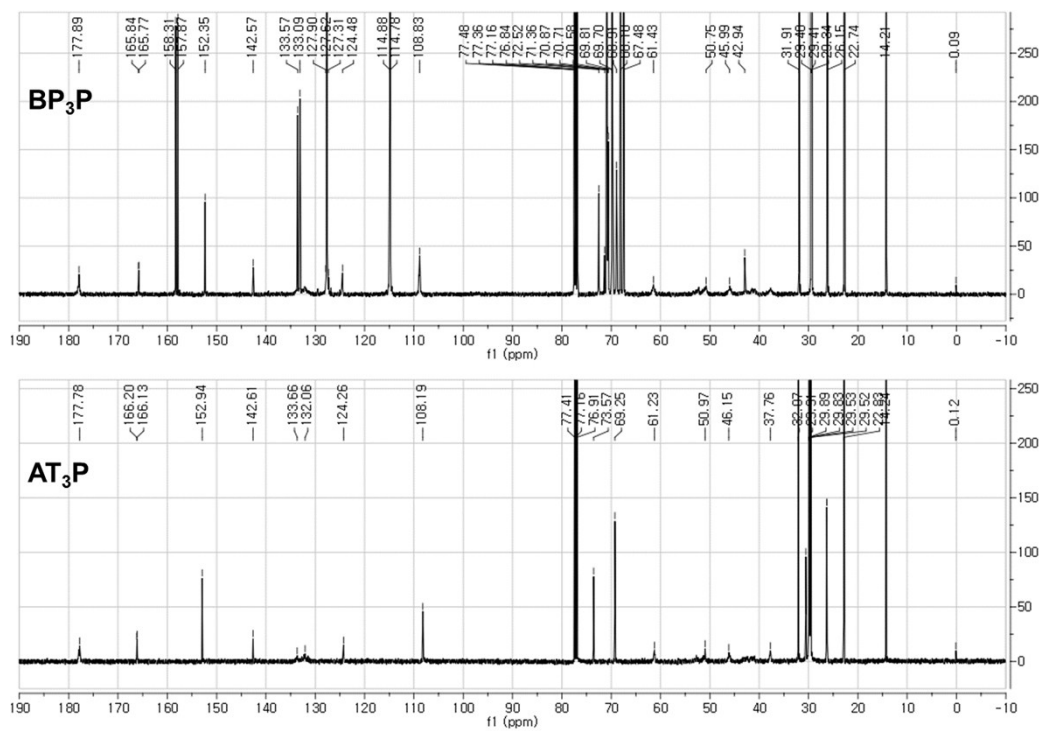


Figure S21. ¹³C NMR spectrum of BP₃P and AT₃P.

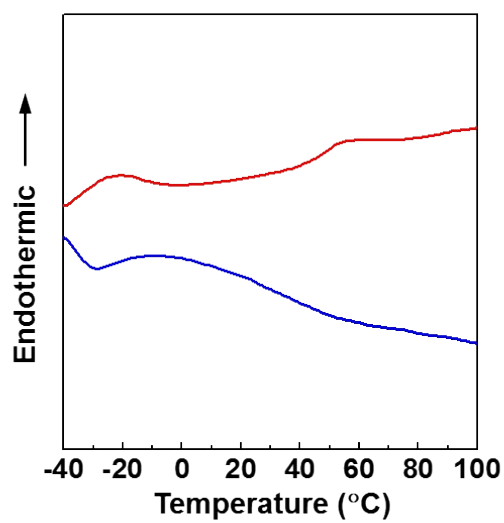


Figure S22. DSC thermograms of AT₃P during heating and subsequent cooling processes at 2.5 °C/min.

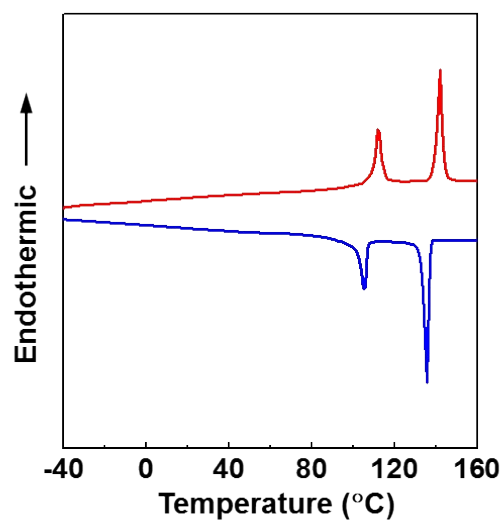


Figure S23. DSC thermograms of BP₃P during heating and subsequent cooling processes at 2.5 °C/min.

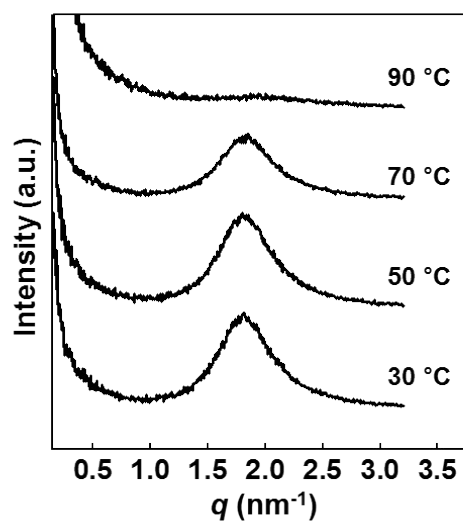


Figure S24. 1D SAXS pattern of the AT₃P at different temperatures.

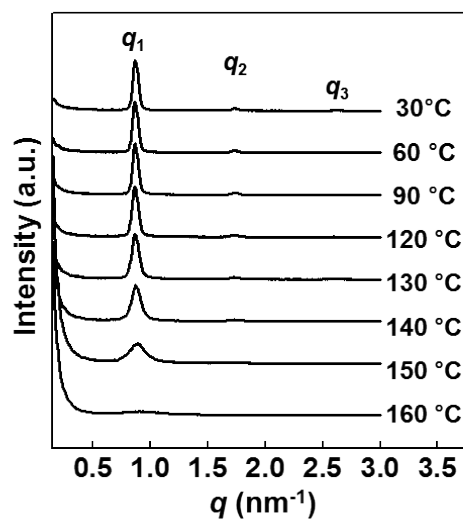


Figure S25. 1D SAXS pattern of the BP₃P at different temperatures.