

SUPPORTING INFORMATION

**Propargylamine: An Attractive Amino Source for Designing High-
Performance Benzoxazine Resins with Low Polymerization
Temperatures**

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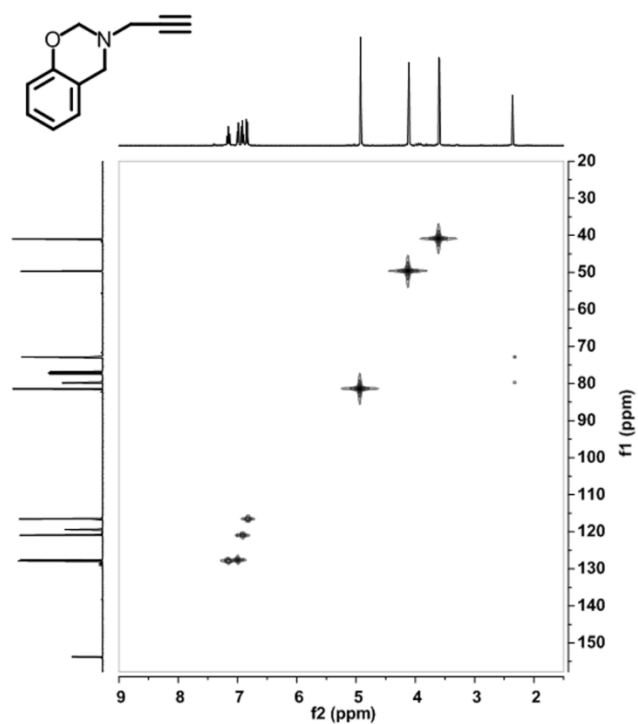


Figure S1. ^1H - ^{13}C HMQC 2D NMR spectrum of PH-pa.

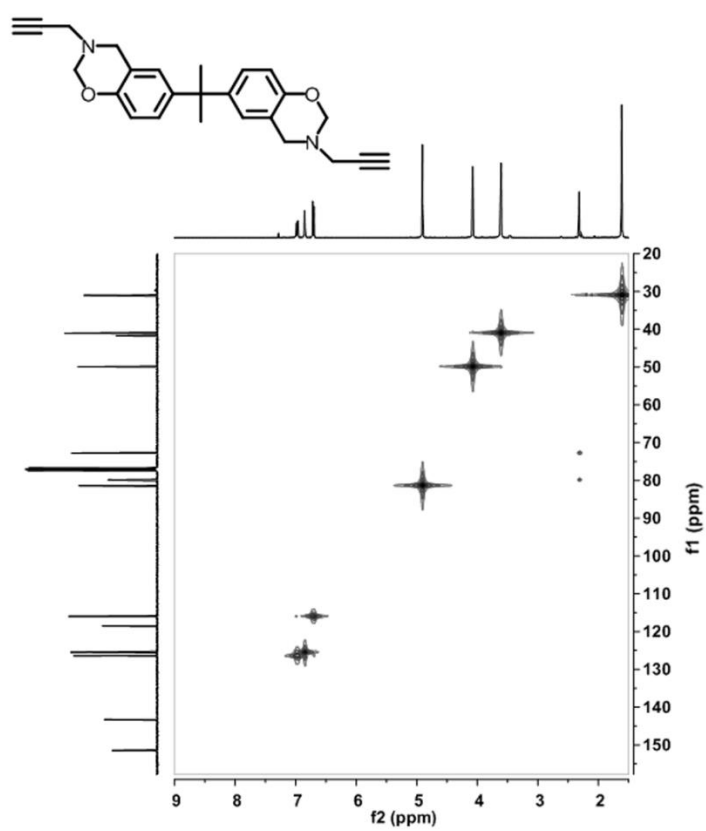


Figure S2. ^1H - ^{13}C HMQC 2D NMR spectrum of BA-pa.

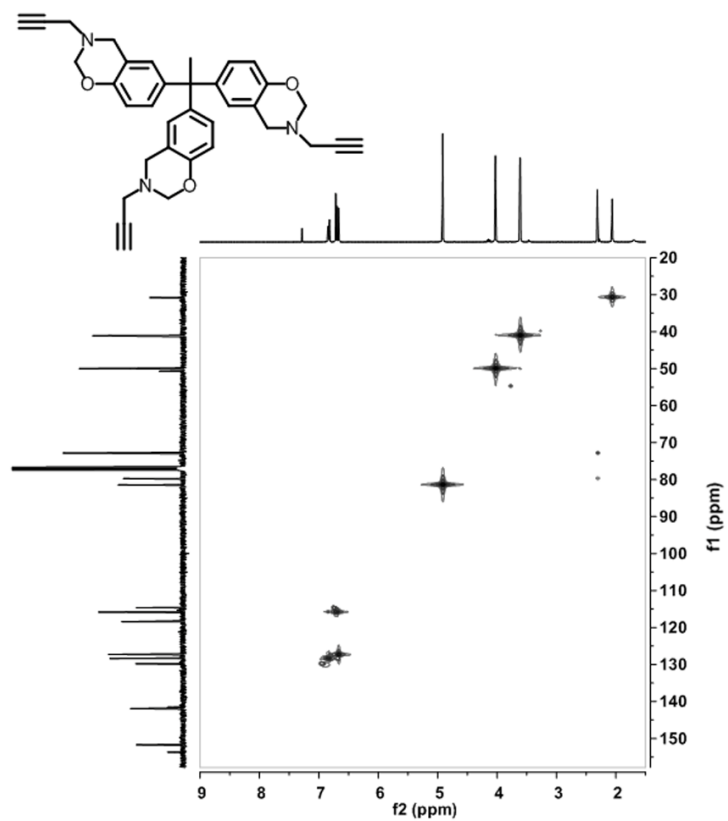


Figure S3. ^1H - ^{13}C HMQC 2D NMR spectrum of TH-pa.

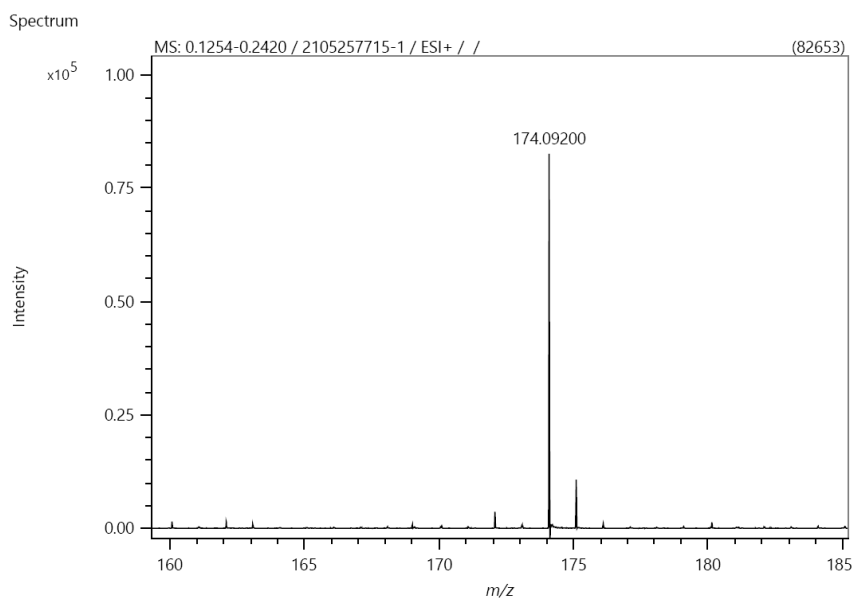


Figure S4. HR-MS spectrum of PH-pa.

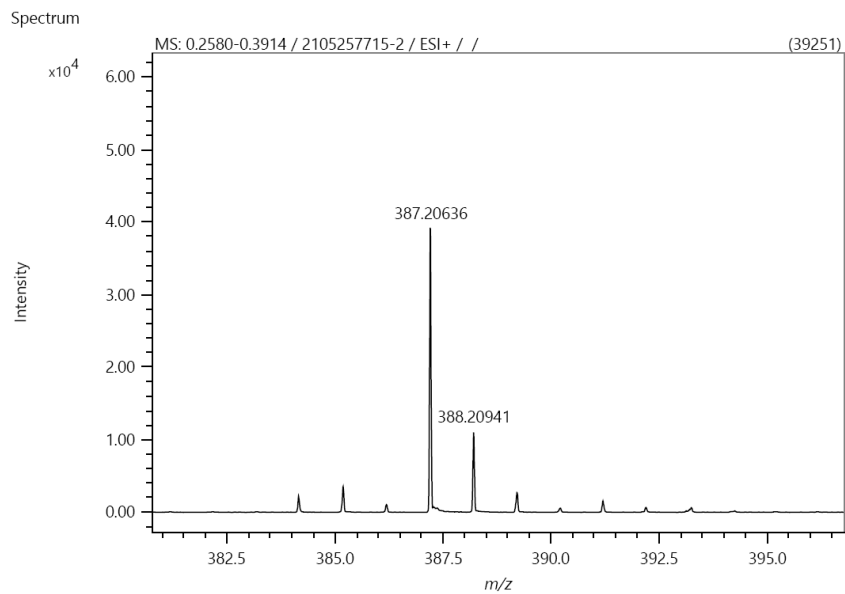


Figure S5. HR-MS spectrum of BA-pa.

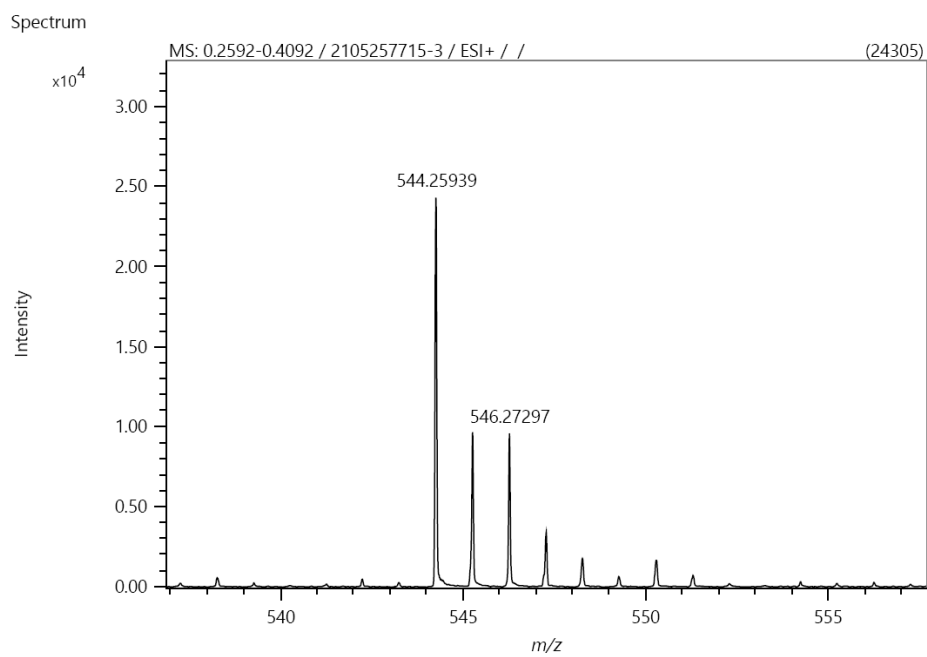


Figure S6. HR-MS spectrum of TH-pa.

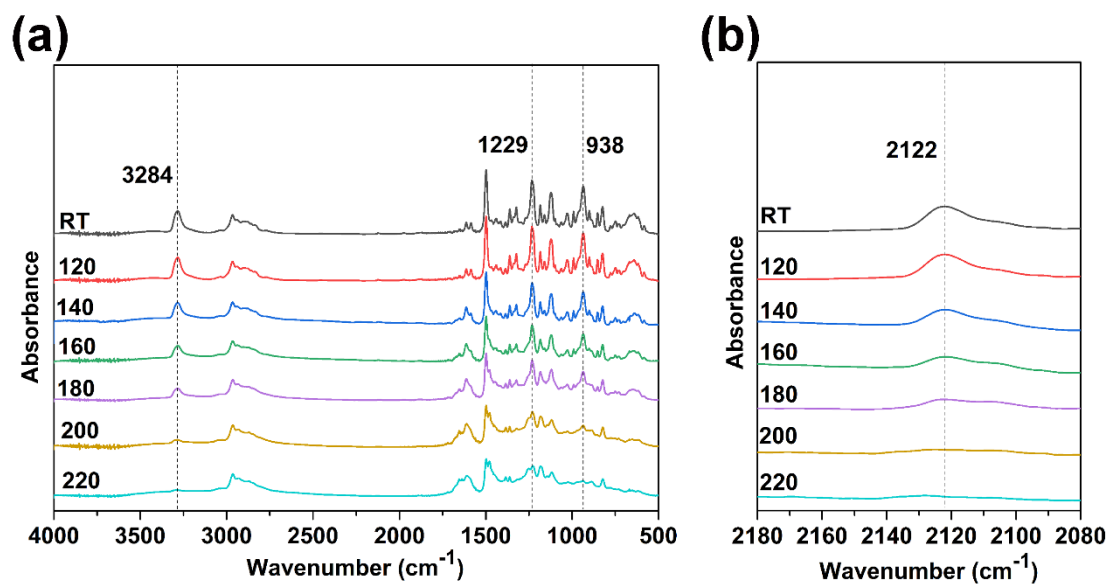


Figure S7. (a) FT-IR spectra of BA-pa after various thermal treatments at each designed temperature stage for 1 h. (b) The expanded region between 2180 and 2080 cm⁻¹ shows the band changes of the stretching vibration of -C≡C from propargyl group.

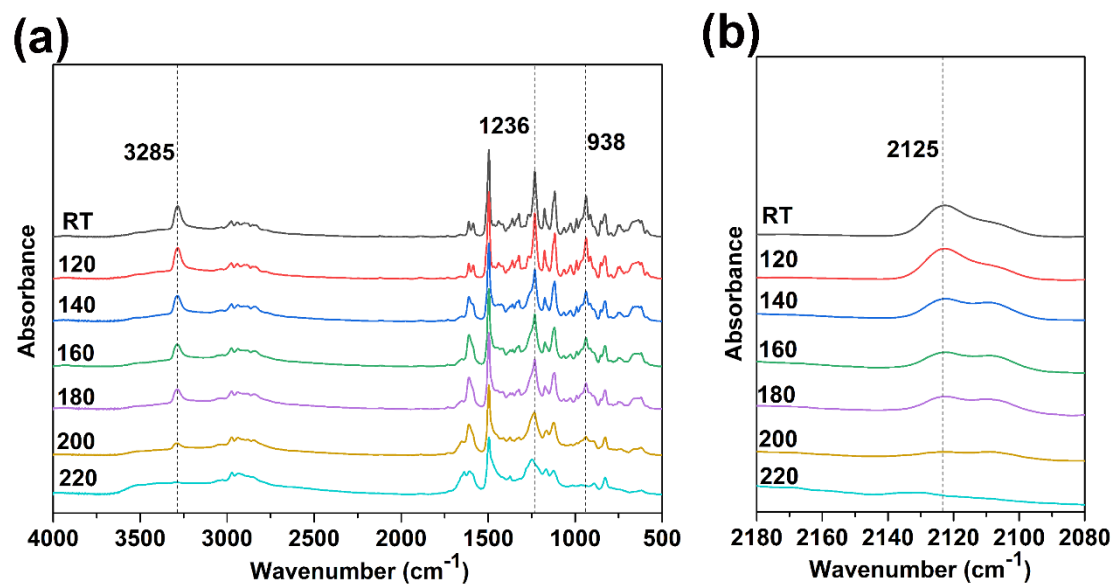


Figure S8. (a) FT-IR spectra of TH-pa after various thermal treatments at each designed temperature stage for 1 h. (b) The expanded region between 2180 and 2080 cm⁻¹ shows the band changes of the stretching vibration of -C≡C from propargyl group.