

Supplementary Materials

Fluorinated and Bio-based Polyamide with High Transparency and Low Yellowness Index

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- Mass spectra of ATA-F1 and ATA-F2 Figure S7 and S8

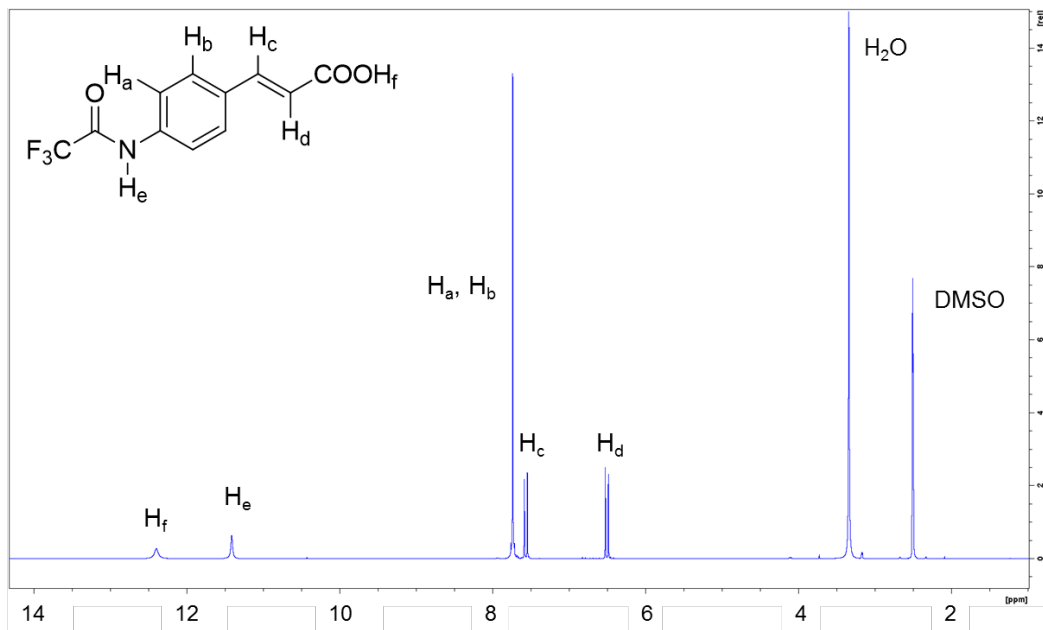


Figure S1. ¹H NMR spectrum of 4-(trifluoroacetamido)cinnamic acid, (400 MHz; solvent, DMSO-*d*₆).

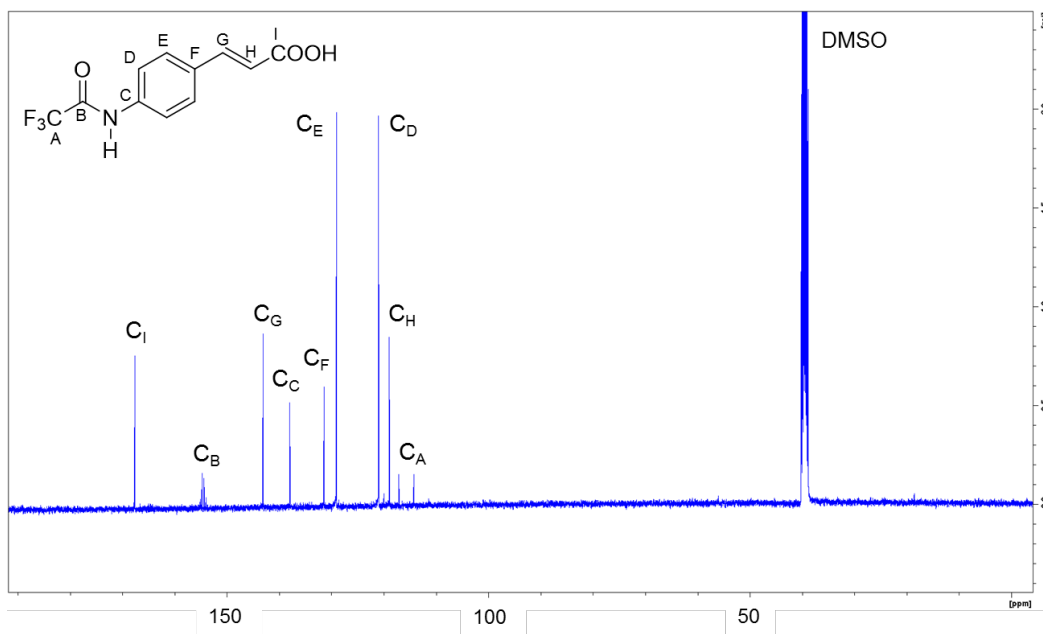


Figure S2. ¹³C NMR spectrum of 4-(trifluoroacetamido)cinnamic acid (100 MHz; solvent, DMSO-*d*₆).

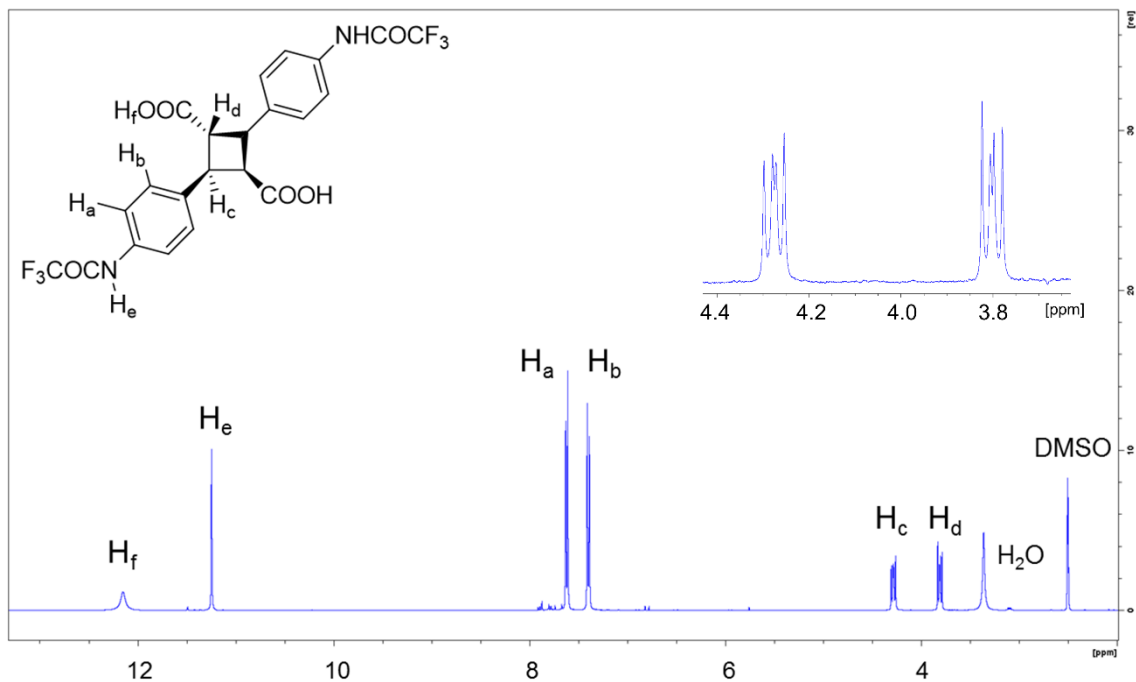


Figure S3. ¹H NMR spectrum of 4,4'-bis(trifluoroacetamido)- α -truxillic acid (ATA-F1) (400 MHz; solvent, DMSO-*d*₆).

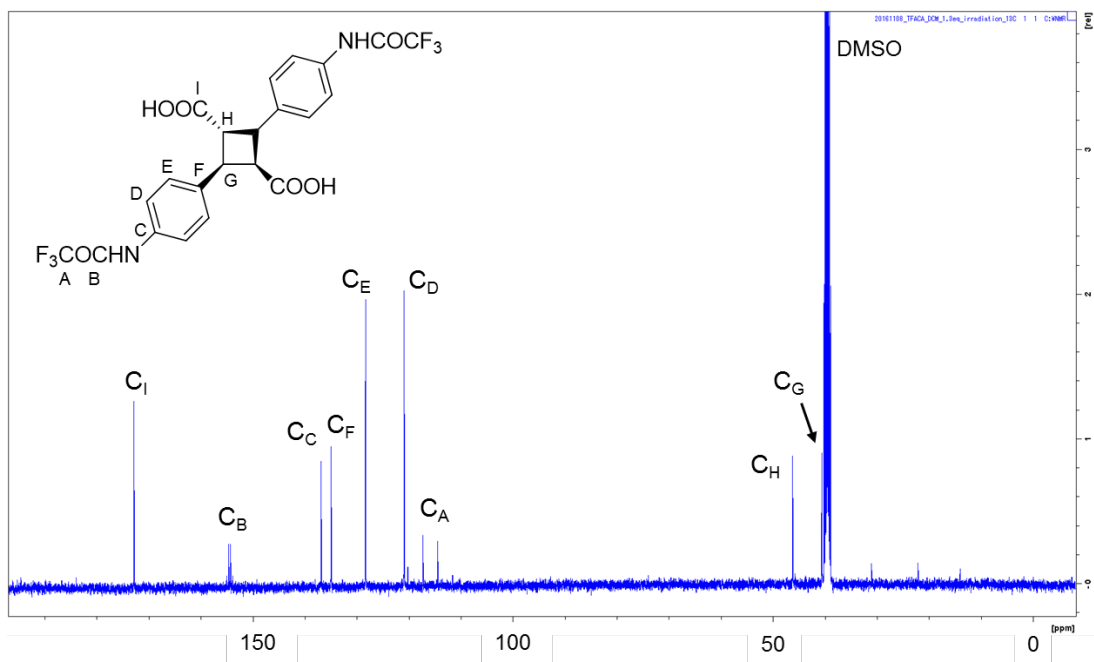


Figure S4. ¹³C NMR spectrum of ATA-F1 (100 MHz; solvent, DMSO-*d*₆).

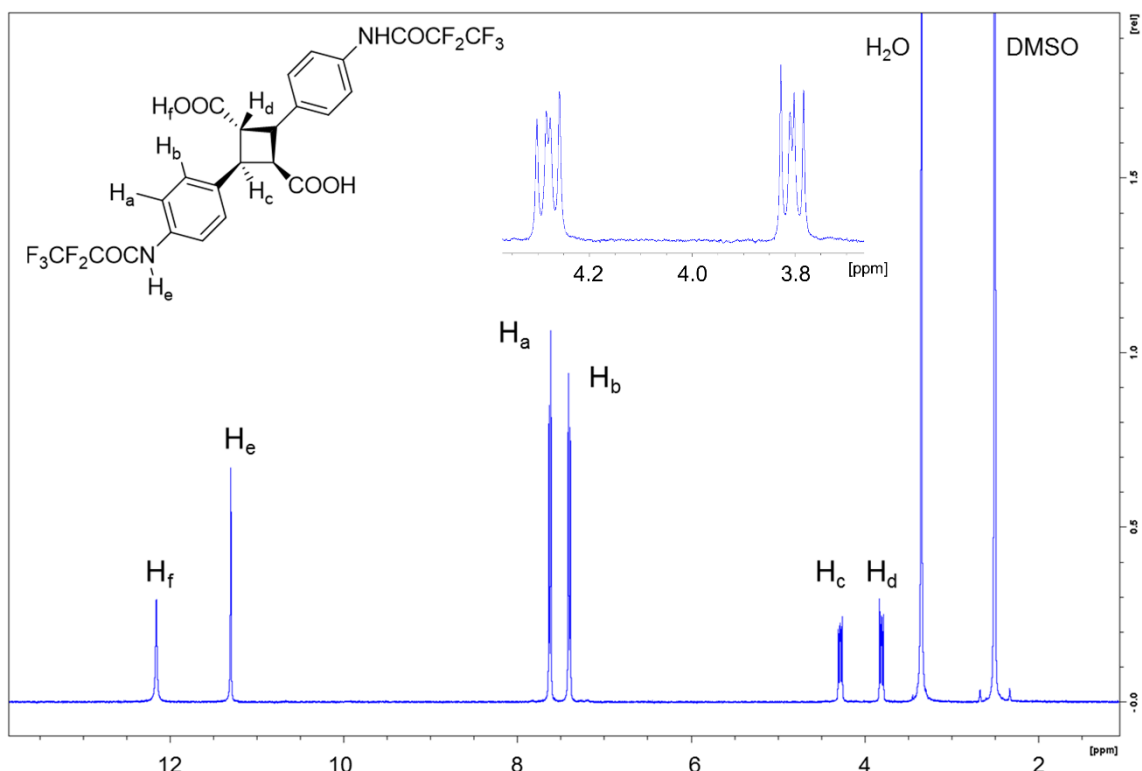


Figure S5. ¹H NMR spectrum of 4,4'-bis(pentafluoropropionamido)- α -truxillic acid (ATA-F2) (400 MHz; solvent, DMSO-*d*₆).

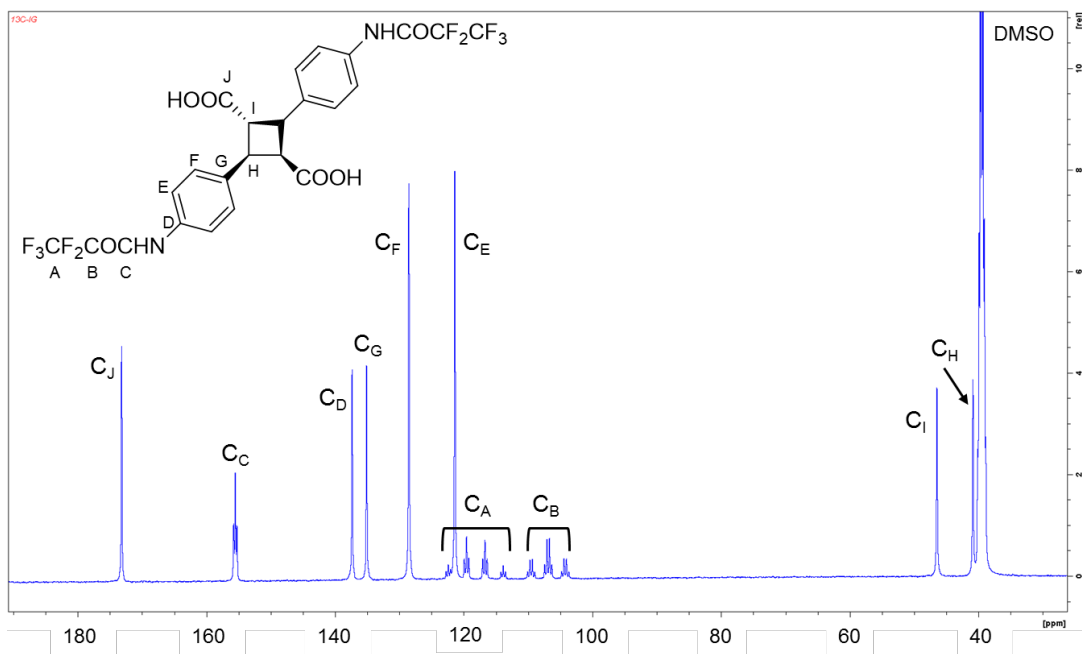


Figure S6. ¹³C NMR spectrum of ATA-F2 (100 MHz; solvent, DMSO-*d*₆).

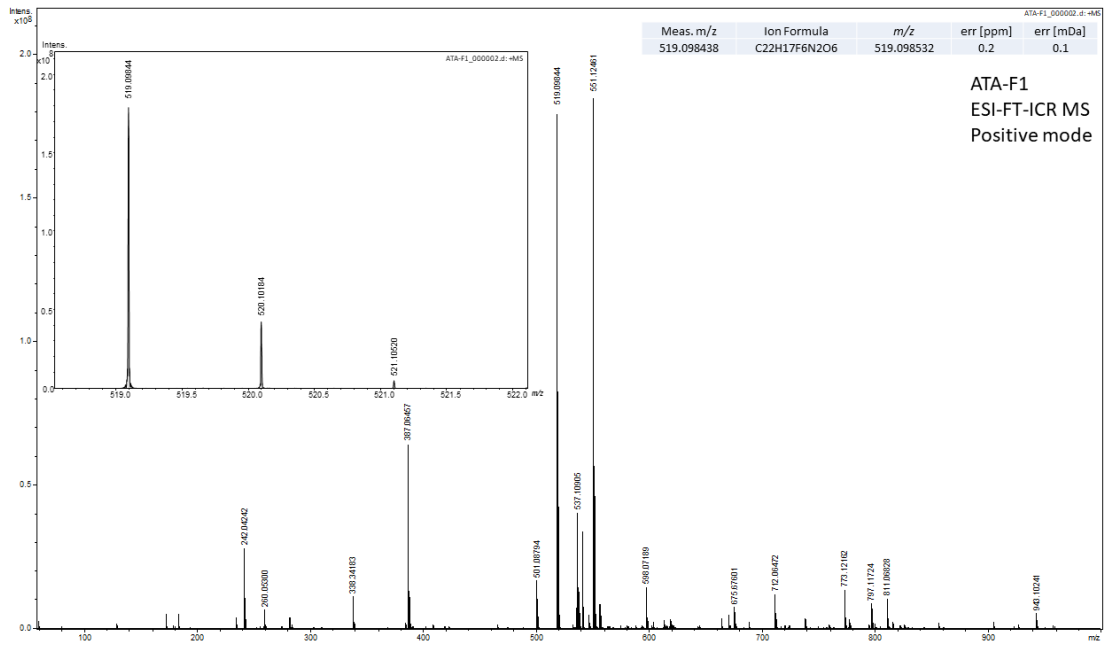


Figure S7. ESI-FT-ICR mass spectrum of the ATA-F1.

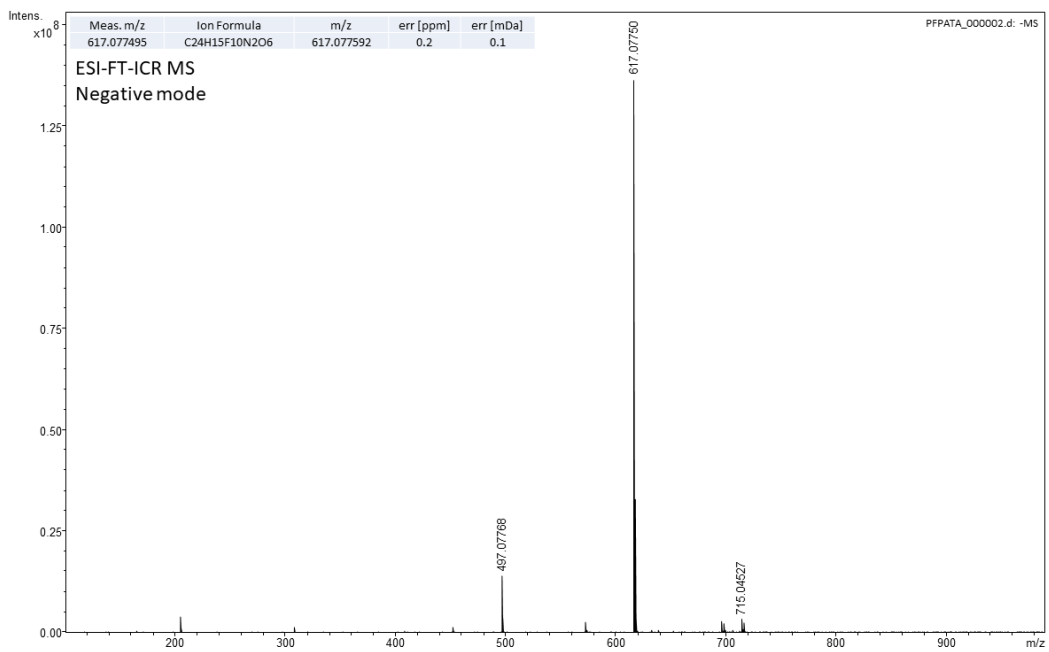


Figure S8. ESI-FT-ICR mass spectrum of the ATA-F2.