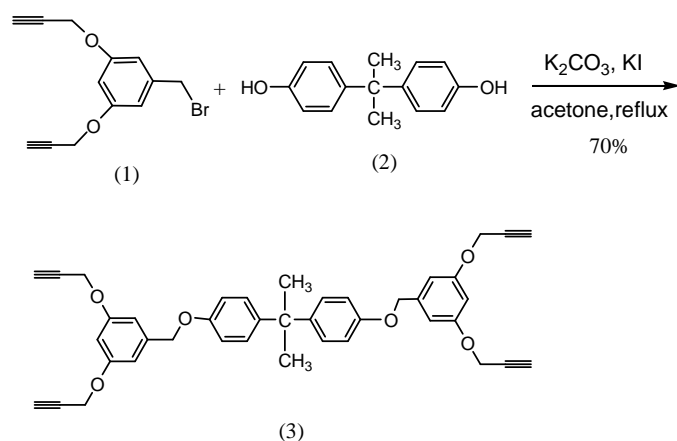


Accessory Publication: Efficient Synthesis of Dendritic Architectures *via* One-Pot Double Click Reactions

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Scheme S1. Synthesis of alkyne-modified compound **3**.

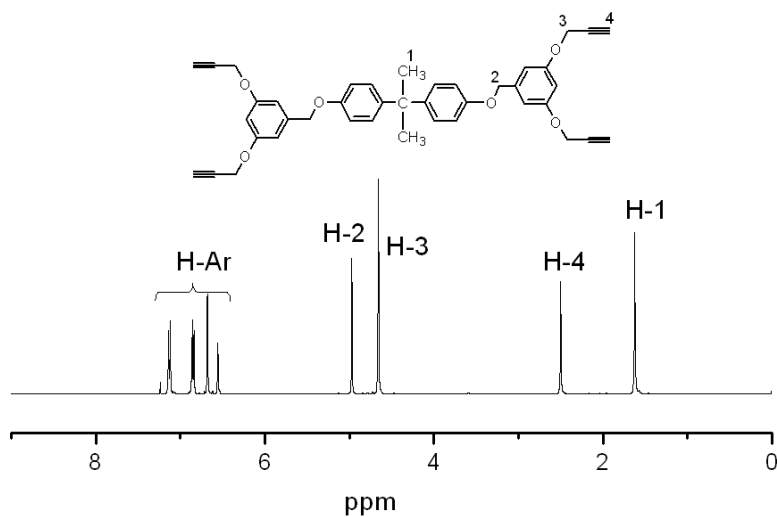


Fig. S1. ^1H NMR spectrum of **3** in CDCl_3 with assignment.

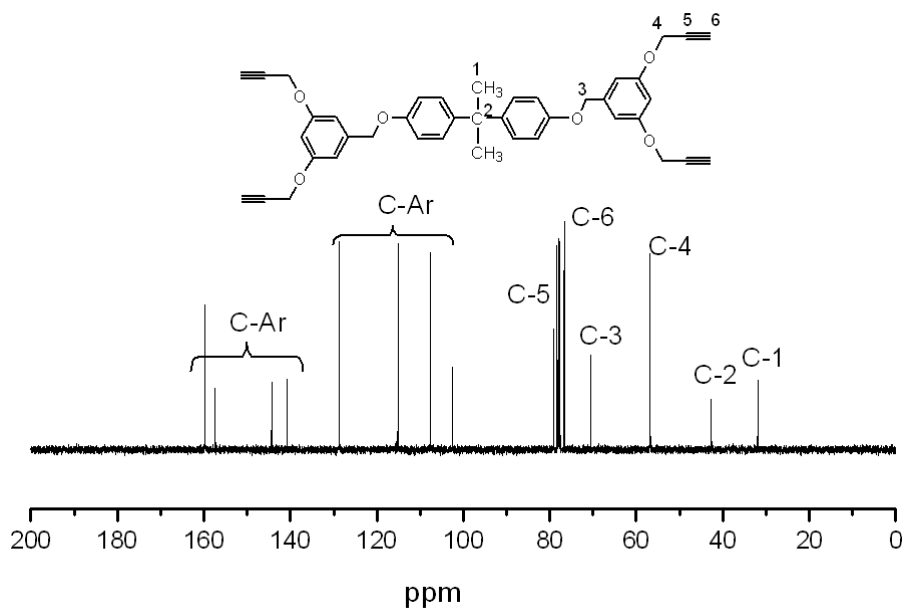


Fig. S2. ^{13}C NMR spectrum of **3** in CDCl_3 with assignment.

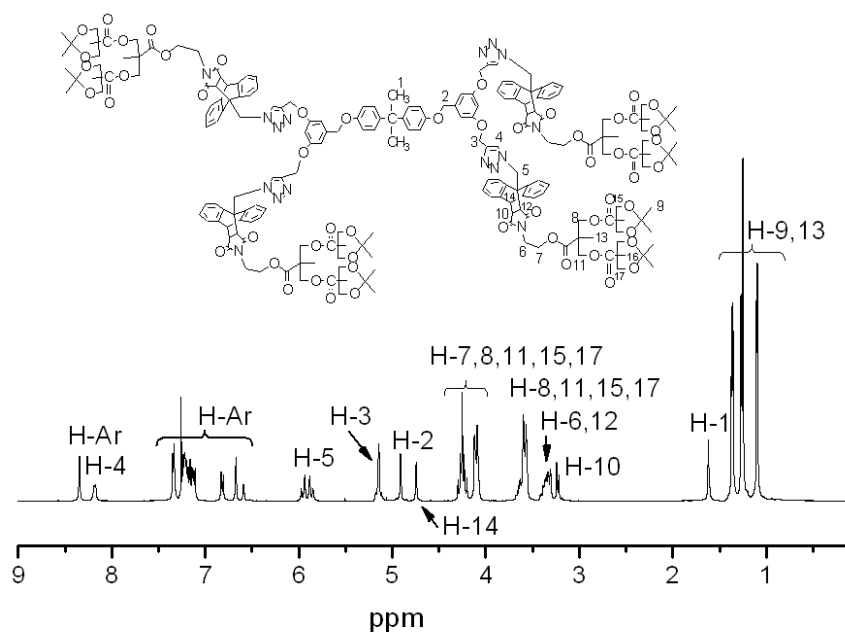


Fig. S3. ^1H NMR spectrum of **6b** in CDCl_3 with assignment.

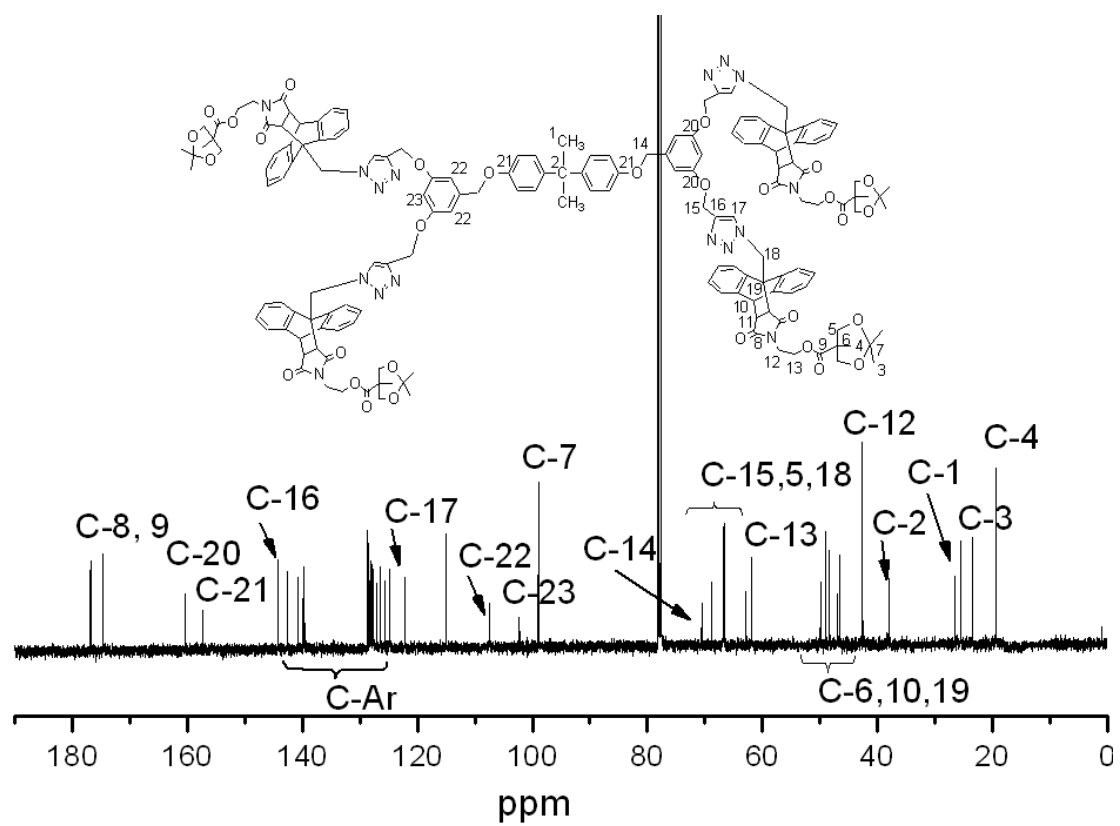


Fig. S4. ^{13}C NMR spectrum of **6a** in CDCl_3 with assignment.

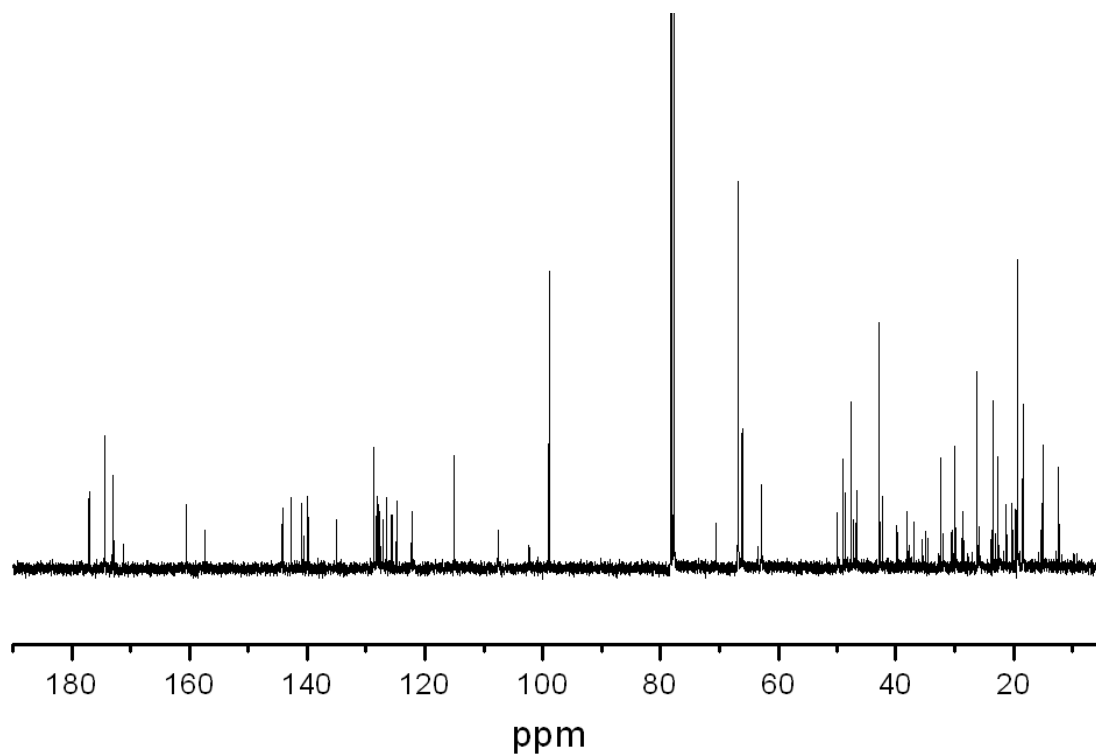


Fig. S5. ^{13}C NMR spectrum of **6b** in CDCl_3 .

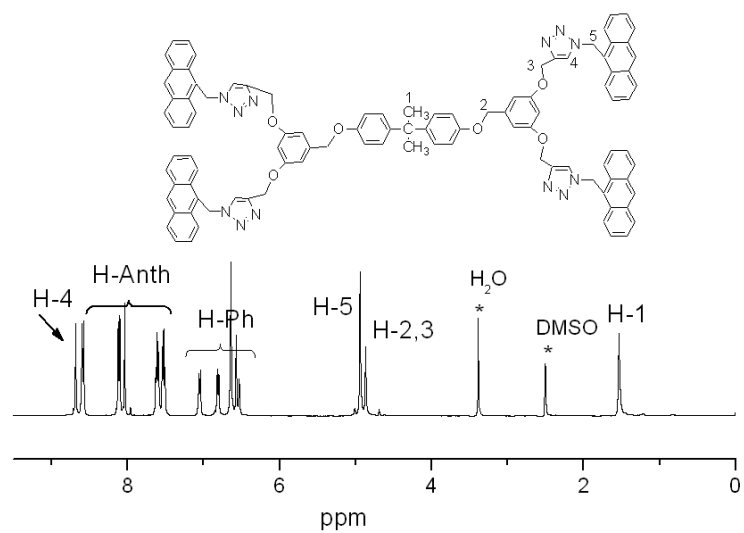


Fig. S6. ^1H NMR spectrum of **4'** in DMSO with assignment.

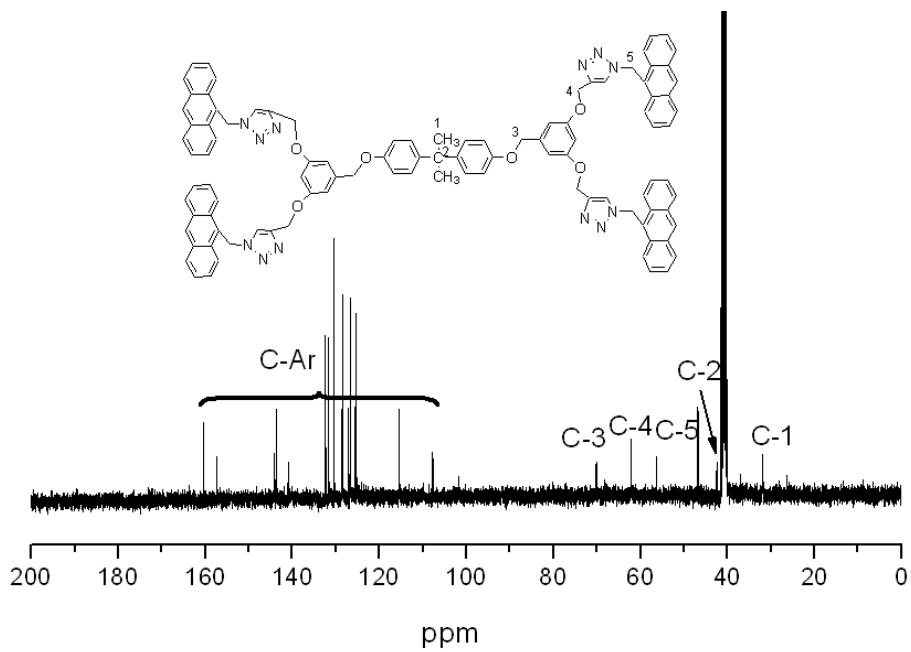


Fig. S7. ^{13}C NMR spectrum of **4'** in DMSO with assignment.

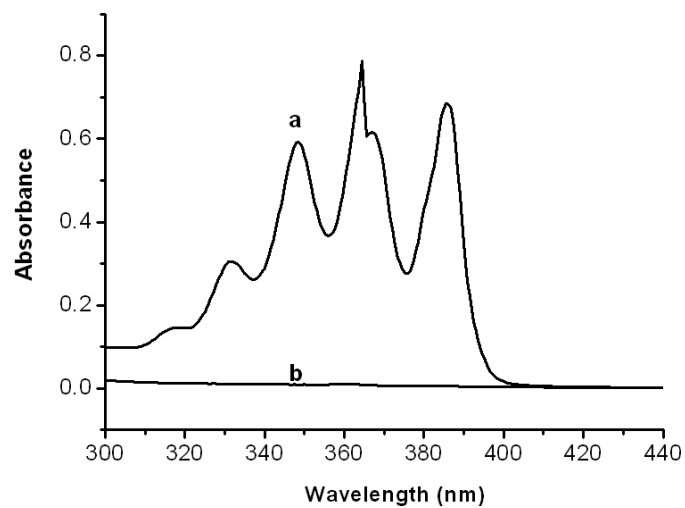


Fig. S8. UV/vis spectra (0.1 mM, 25 °C) of **4'** (a) and **6b** (b) in THF.

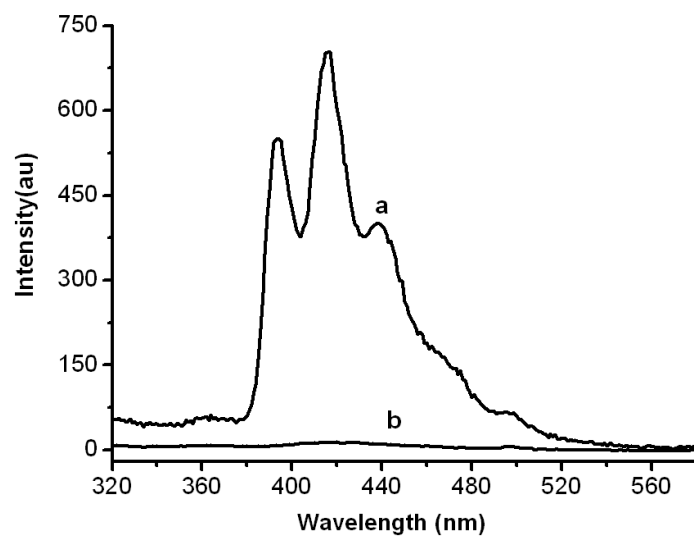


Fig. S9. Fluorescence spectra of **4'** (a) and **6b** (b) (2.0×10^{-5} M in THF solution).

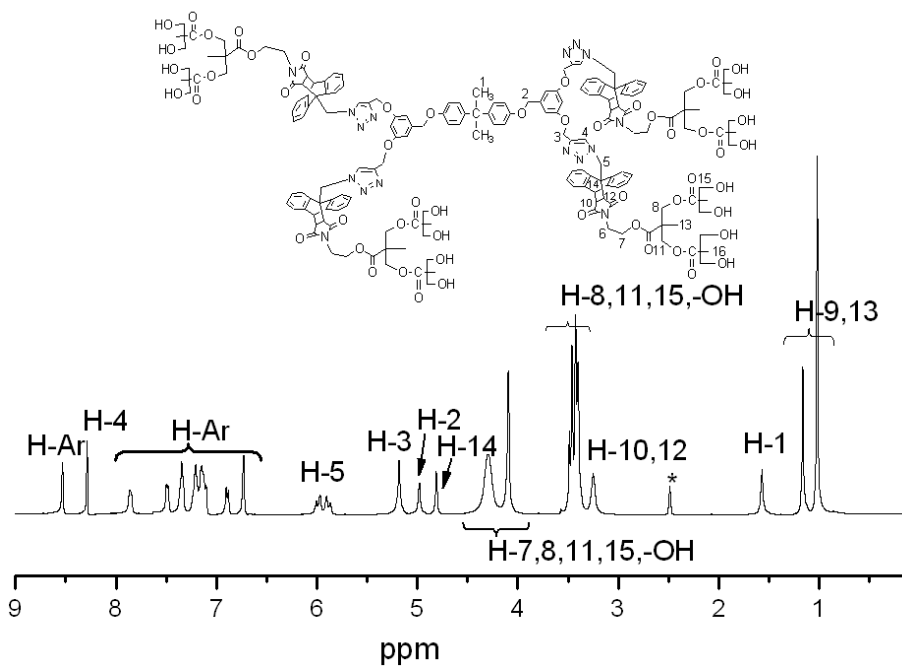


Fig. S10. ¹H NMR spectrum of **7b** in DMSO with assignment.

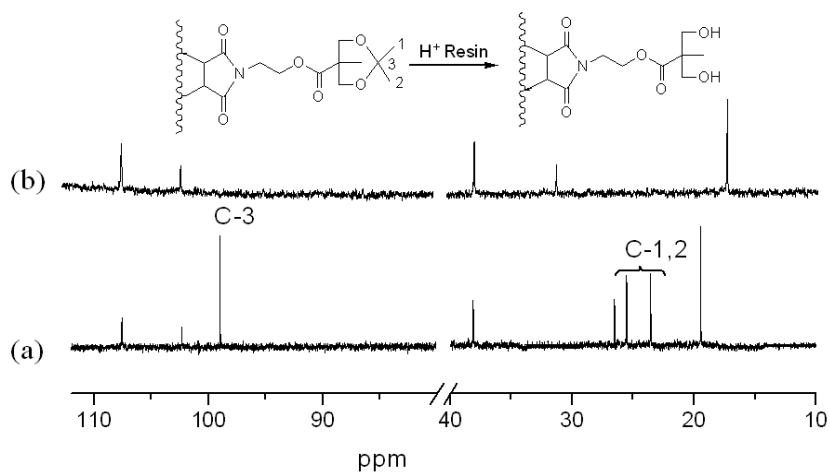


Fig. S11. The partial ¹³C NMR spectra of **6a** (a) and **7a** (b) in CDCl₃.

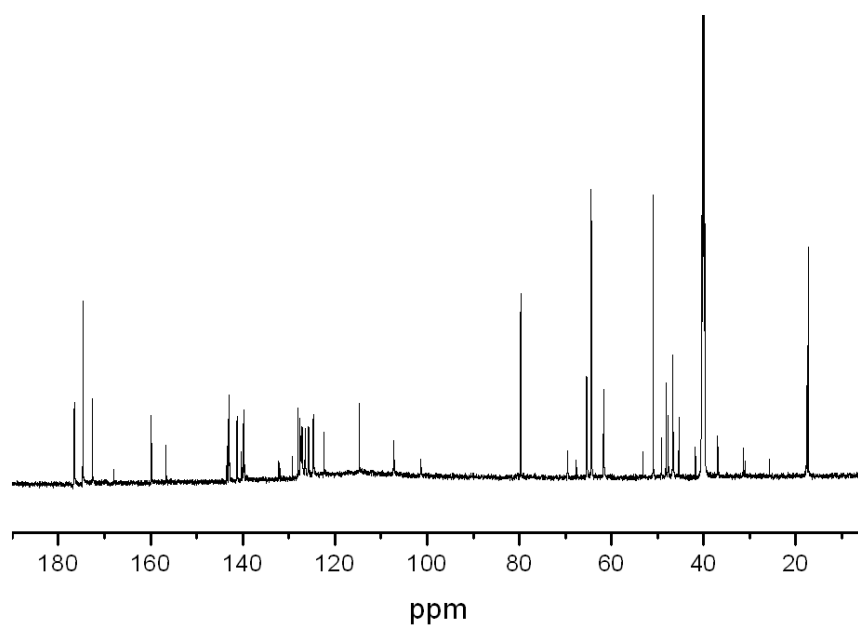


Fig. S12. ^{13}C NMR spectrum of **7b** in DMSO.

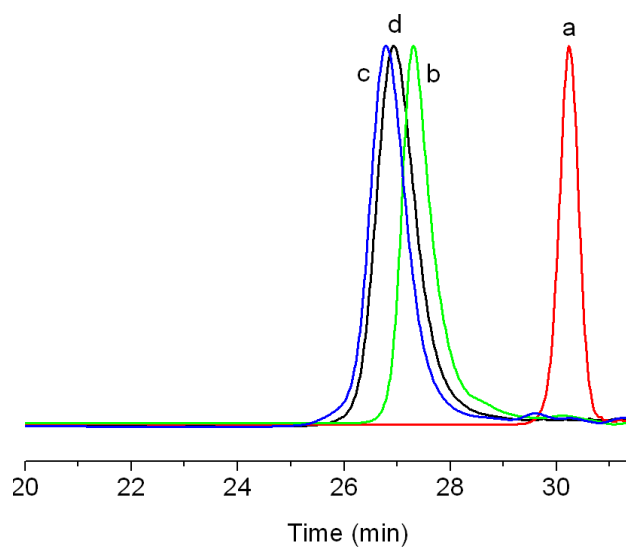


Fig. S13. SEC traces of building blocks **3** (trace b), **5a** (trace a), and the dendrimers **6a** (trace c), **7a** (trace d).

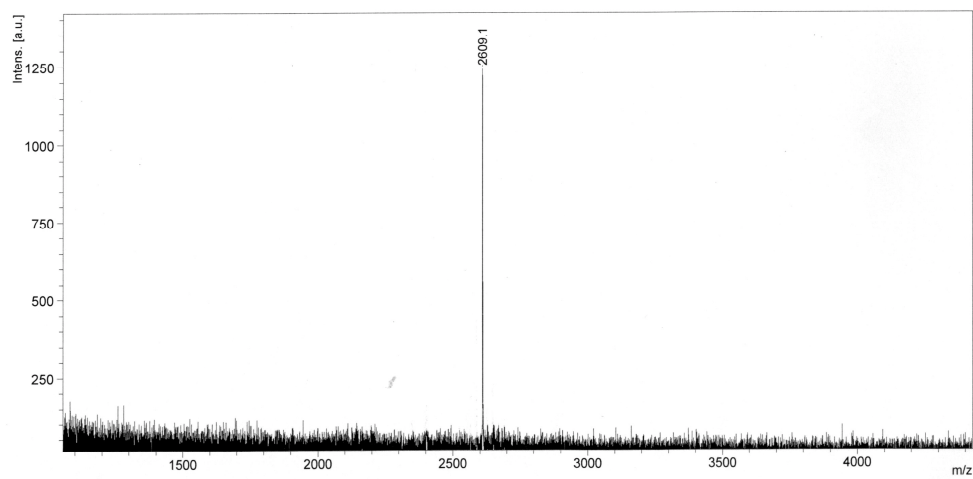


Fig. S14. MALDI-TOF MS spectrum of **7a**.