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ARTICLE TYPE

Supporting Information

Steric Effect on the Self-assembly Behaviours of Amino Acid Derivatives

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1) NMR studies

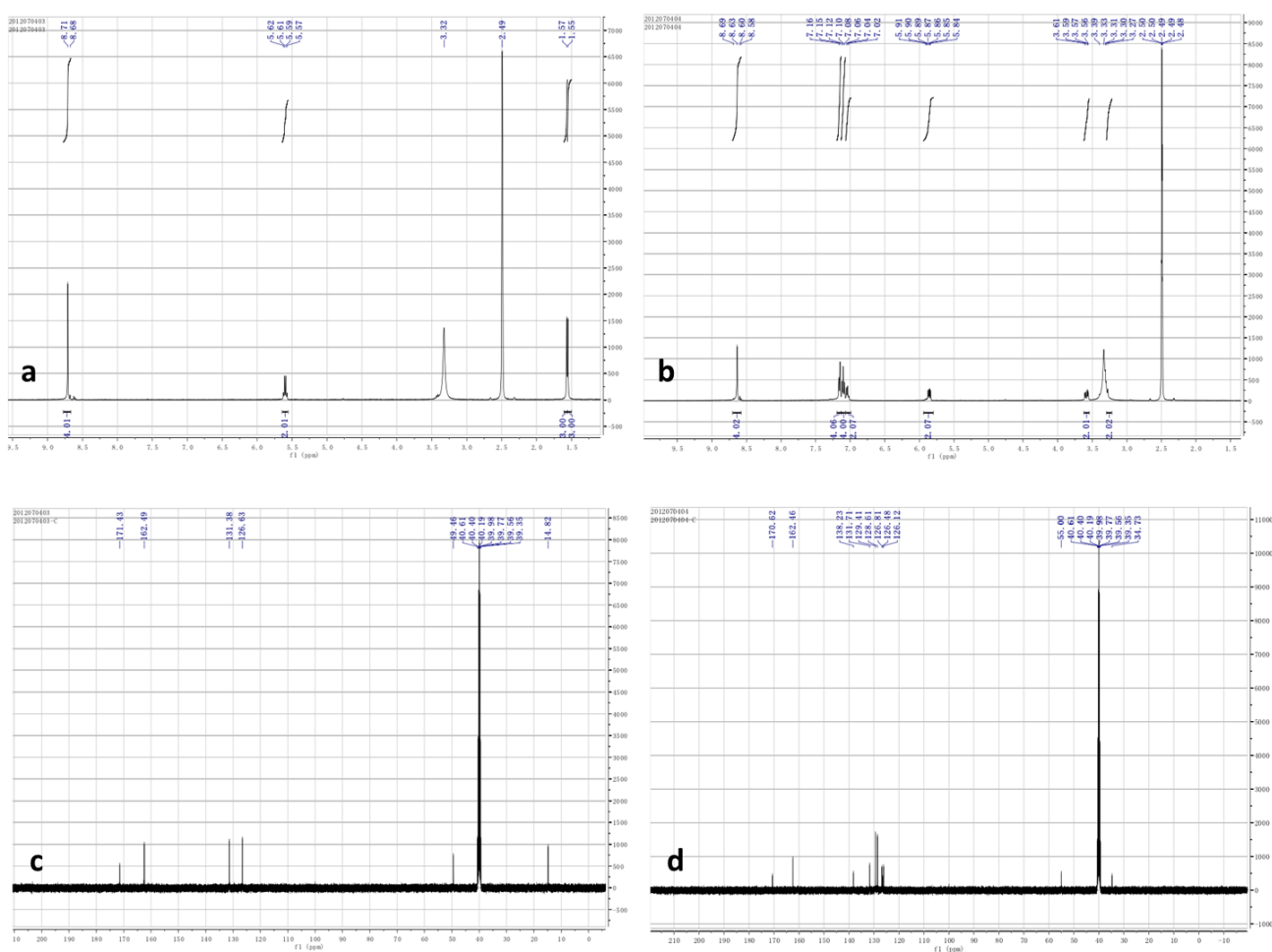


Fig. S1 (a) ¹H NMR spectrum of ANTA; (b) ¹H NMR spectrum of PNTA; (c) ¹³C NMR spectrum of ANTA;

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(d) ¹³C NMR spectrum of PNTA.

2) FT-IR spectra of ANTA and PNTA

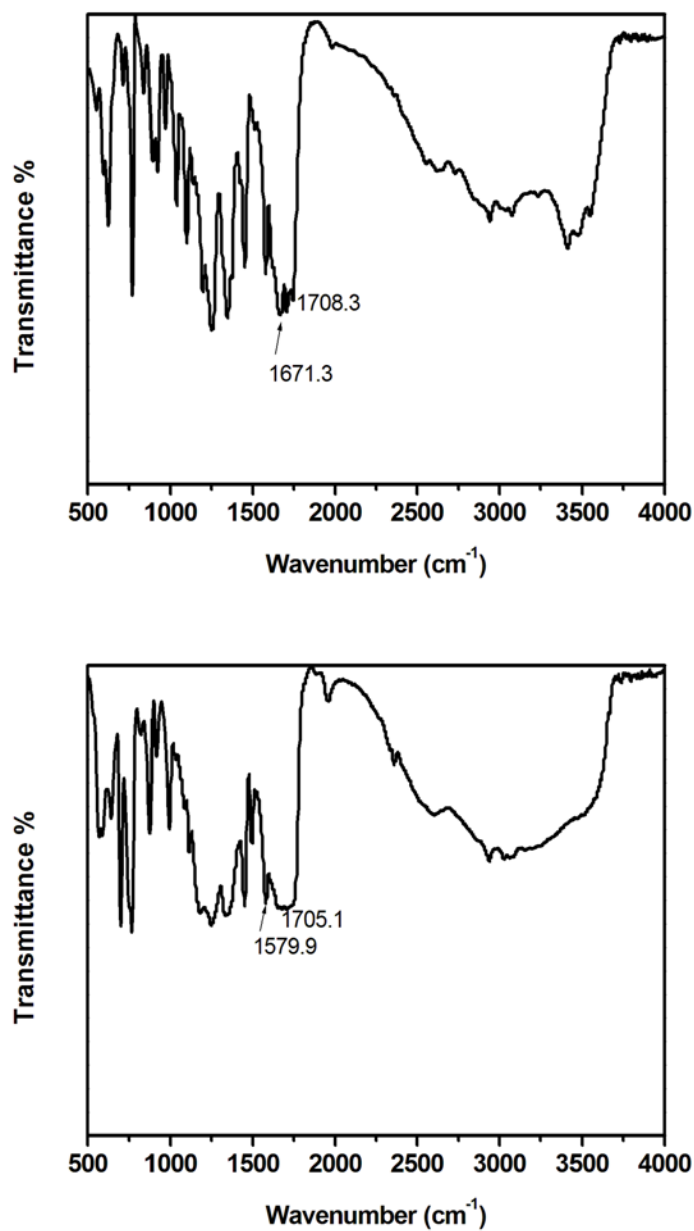
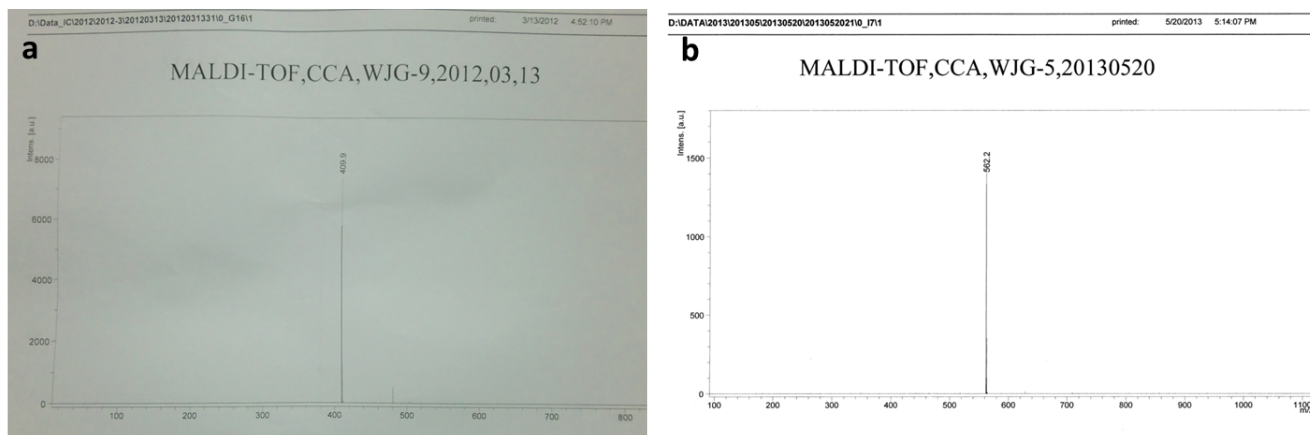


Fig. S2 (Top) FT-IR spectra of ANTA; (bottom) FT-IR spectra of PNTA

3) MS spectra of ANTA and PNTA

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ARTICLE TYPE**Fig. S3** (a) MS spectrum of ANTA; (b) MS spectrum of PNTA.

4) HPLC chromatogram of ANTA and PNTA

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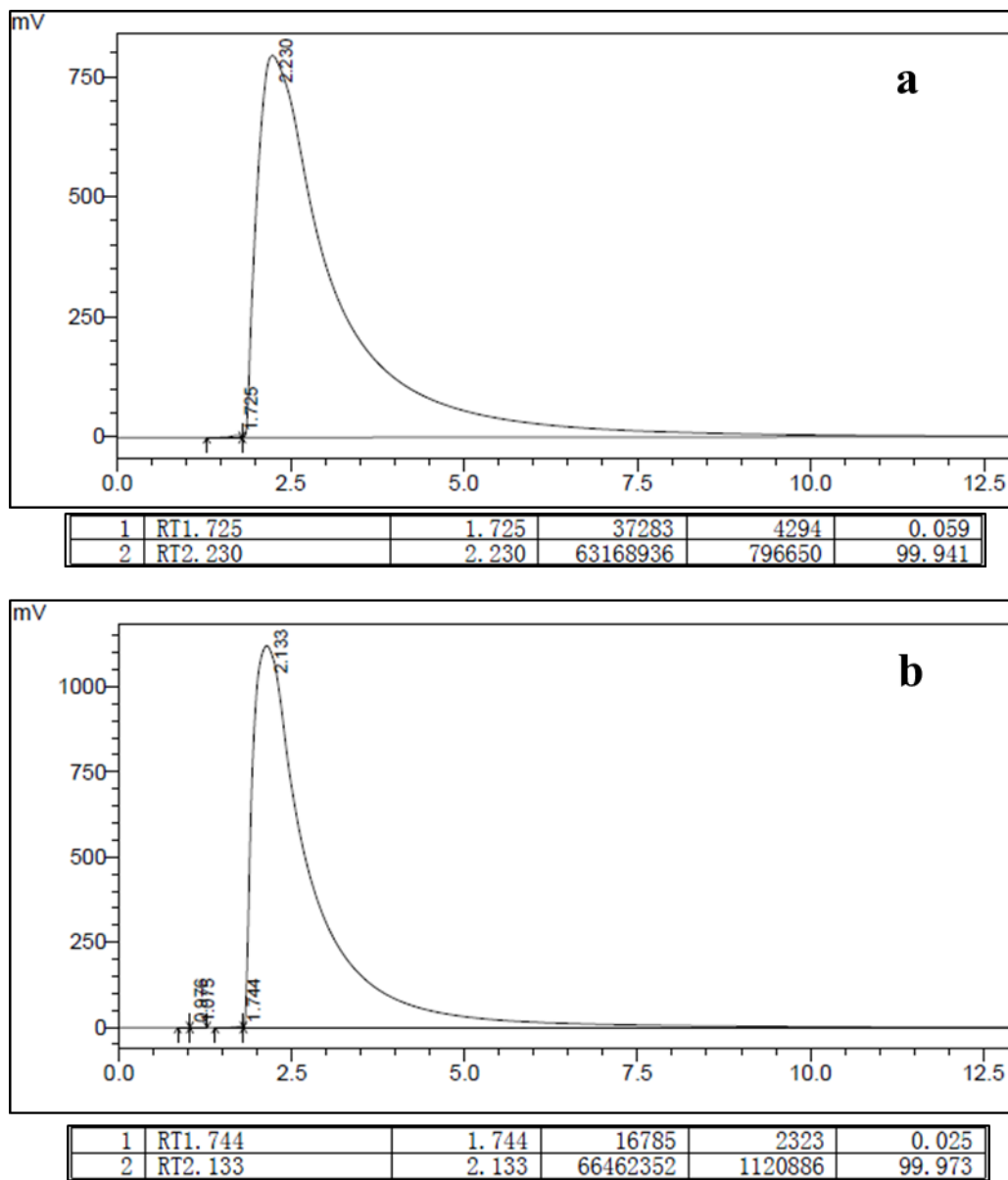


Fig. S4 HPLC chromatogram of compounds: (a) for PNTA and (b) for ANTA.

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5) Additionnal STM image of PNTA

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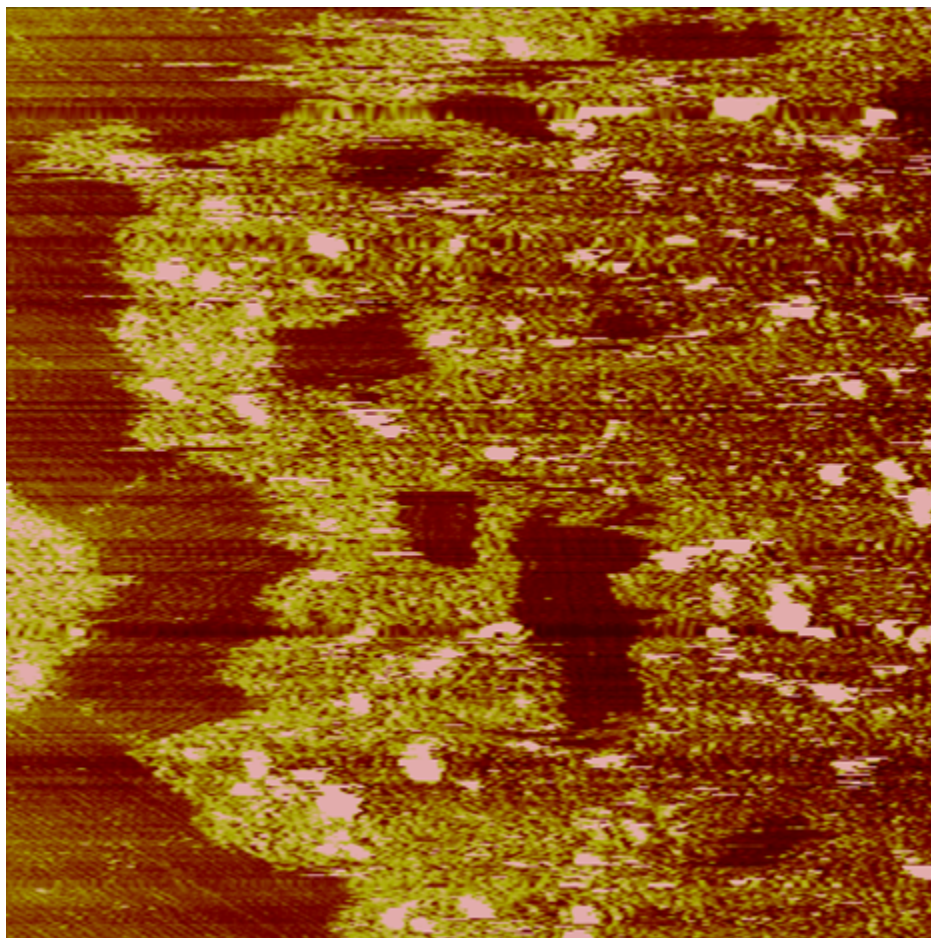


Fig. S5 ($68.70 \times 68.70 \text{ nm}^2$, $I_{\text{set}} = 405.9 \text{ nA}$, $V_{\text{bias}} = 360.4 \text{ mV}$) showing PNTA molecule disordered arrangement.