

Grafting a mesomorphic Schiff base onto gold nanoparticle via ester link – photoluminescence, mesomorphism, electrical conductivity and antioxidant activity

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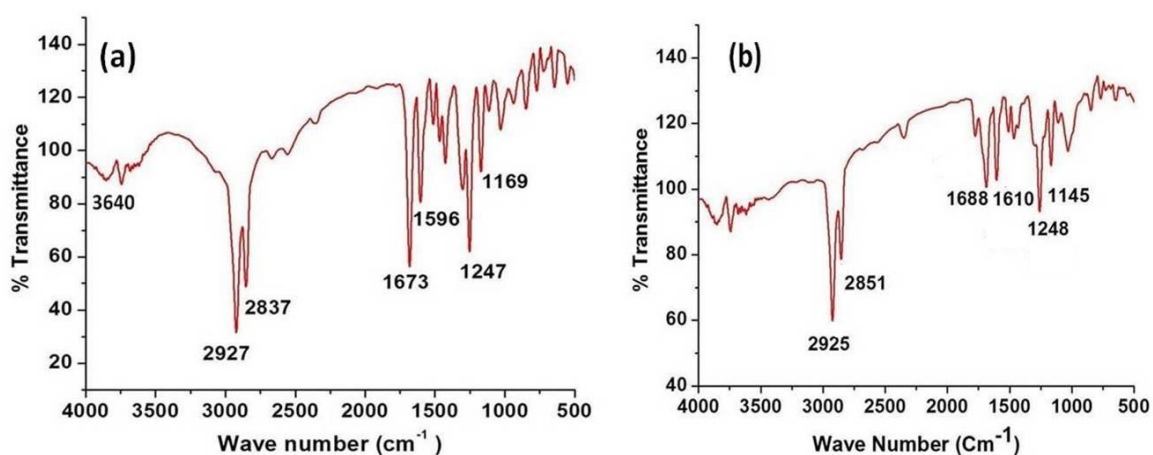


Fig.S1. IR spectrum of the (a) Schiff Base (b) GNP-LC composite

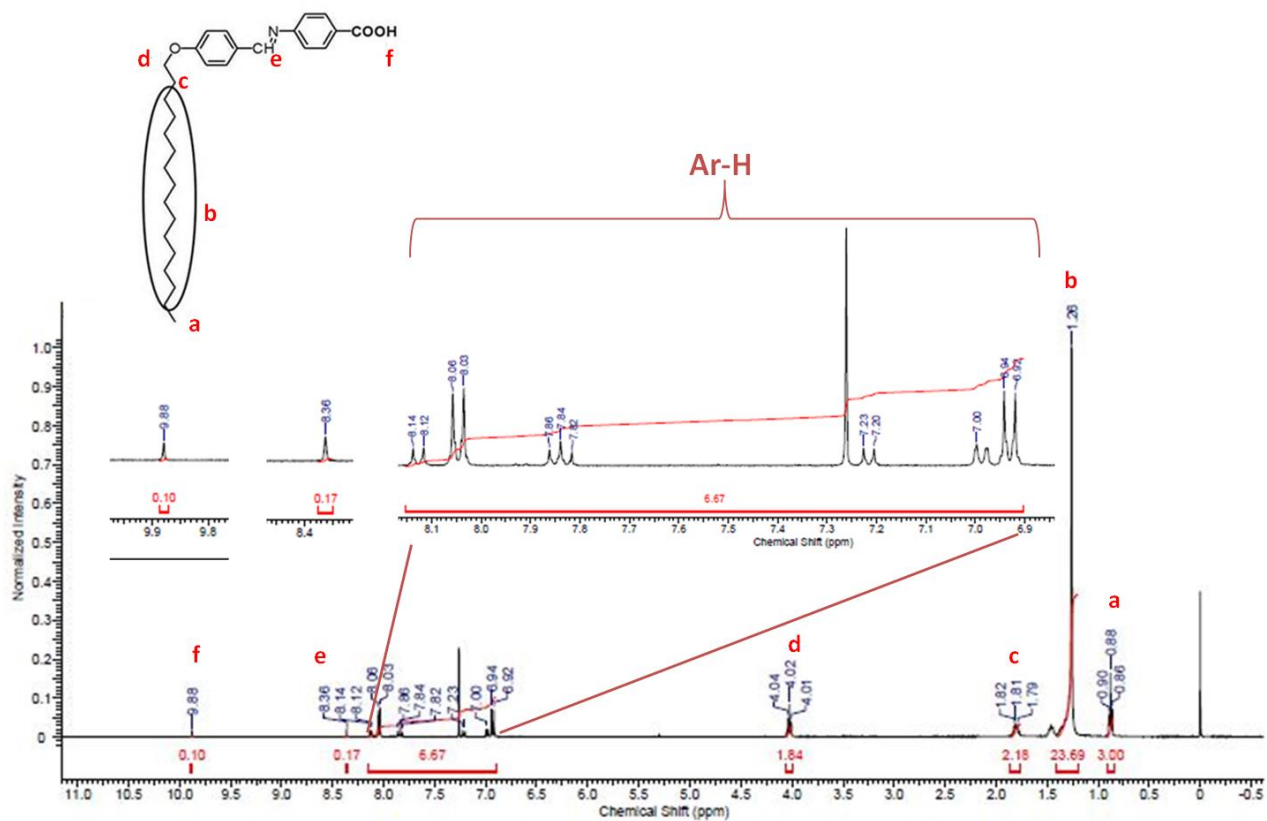


Fig.S2(a) ^1H NMR spectrum of Schiff base

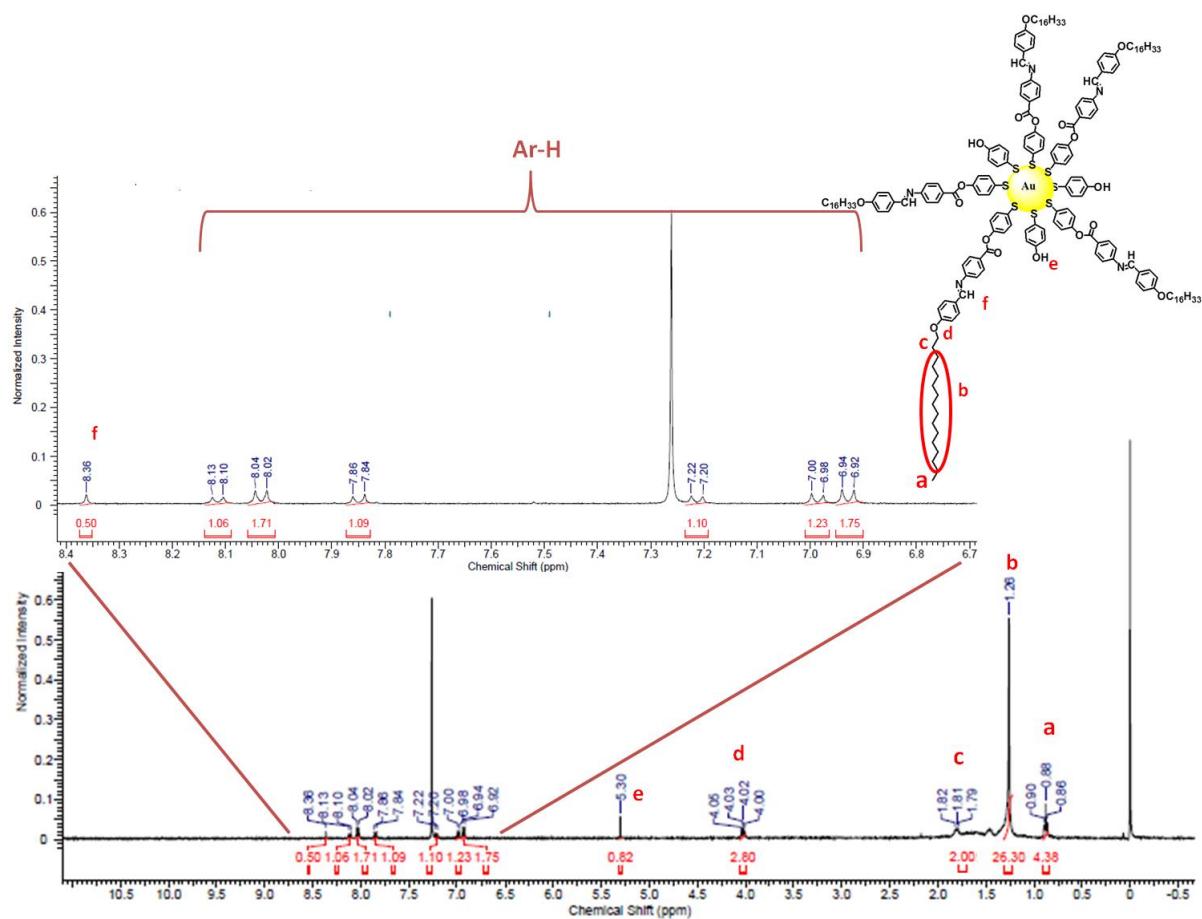


Fig.S2(b). ¹H NMR spectrum of GNP-LC composite

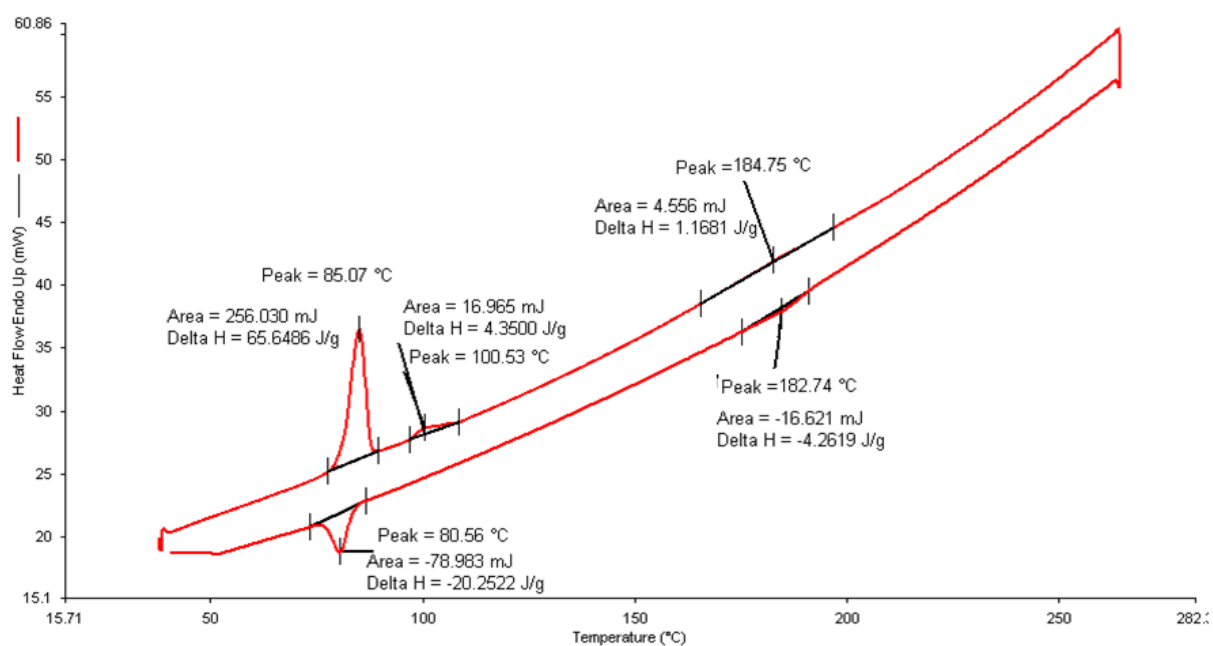


Fig.S3(a) DSC thermogram for Schiff base LC

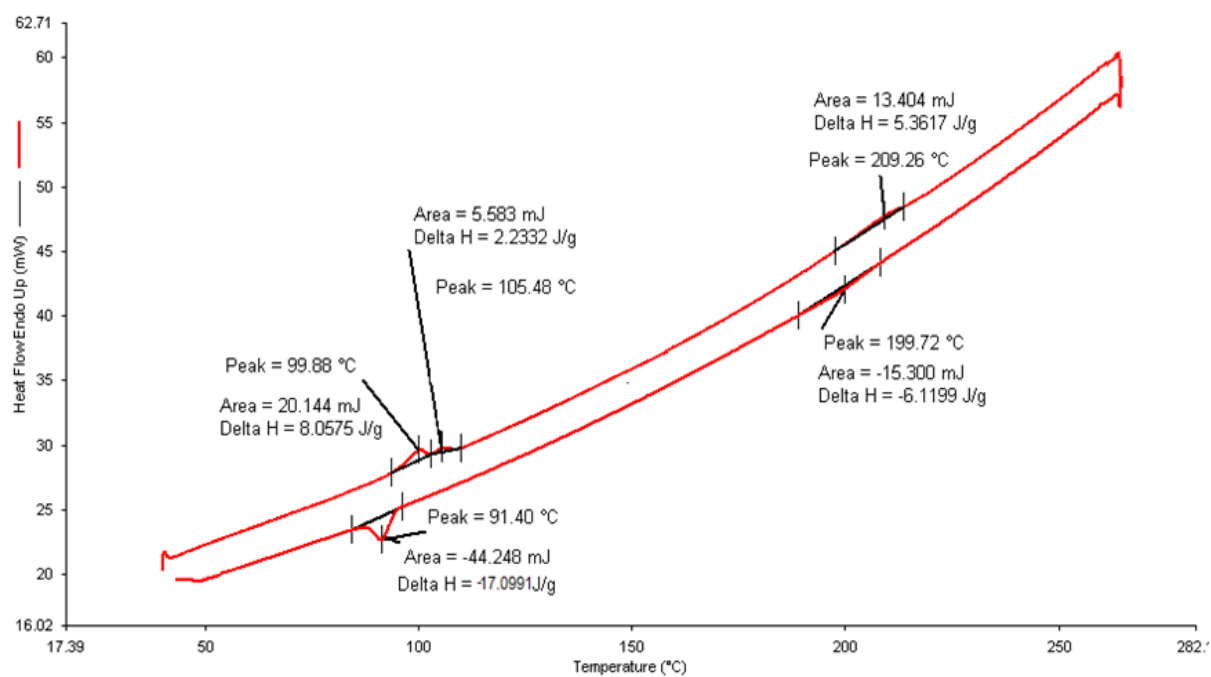


Fig.S3(b) DSC thermogram for GNP-LC hybrid