

Figure Captions:

Fig. S1. ^{31}P FT-NMR of [HF] complex in C_6D_6 .

Fig. S2 P-XRD patterns of [HF] complex, [HT(3.5)] and [HF/HT(X)].

Fig. S3. SEM images of [HT(3.5)] and [HF/HT(3.5)].

Fig. S4. TGA of [HT(3.5)], [HF] Complex and [HF/HT(3.5)].

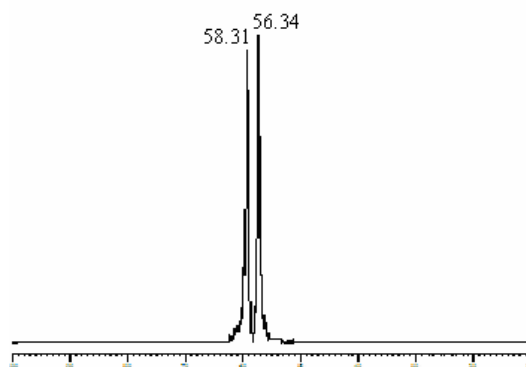


Fig. S1 ^{31}P FT-NMR of [HF] complex in C_6D_6 .

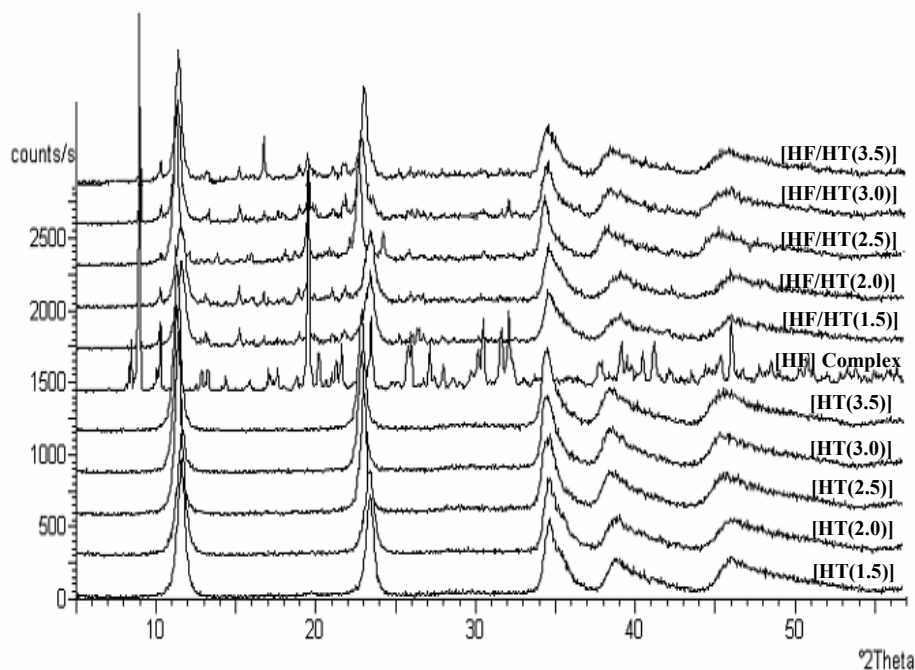


Fig. S2 P-XRD patterns of [HF] complex, [HT(3.5)] and [HF/HT(X)] system.

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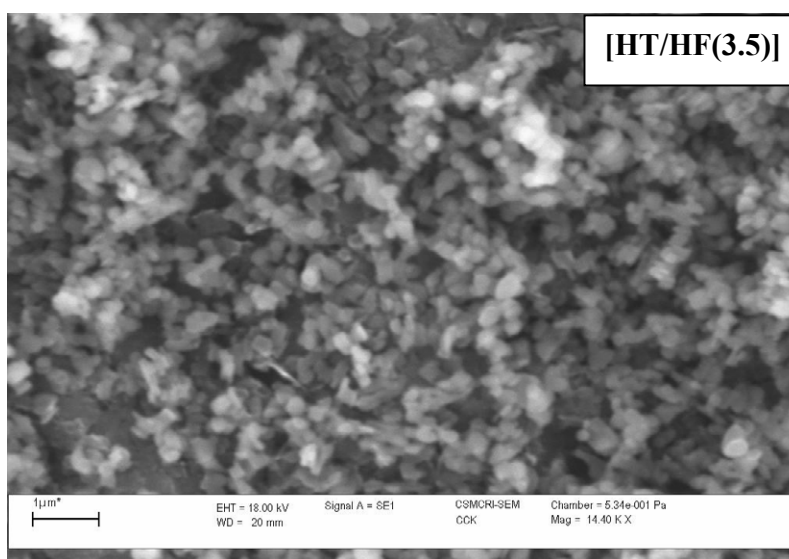
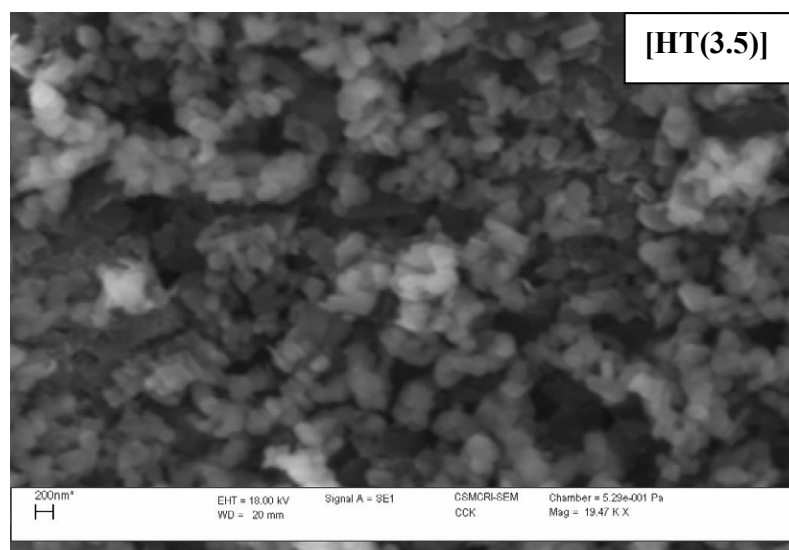


Fig. S3 SEM images of [HT(3.5)] and [HF/HT(3.5)].

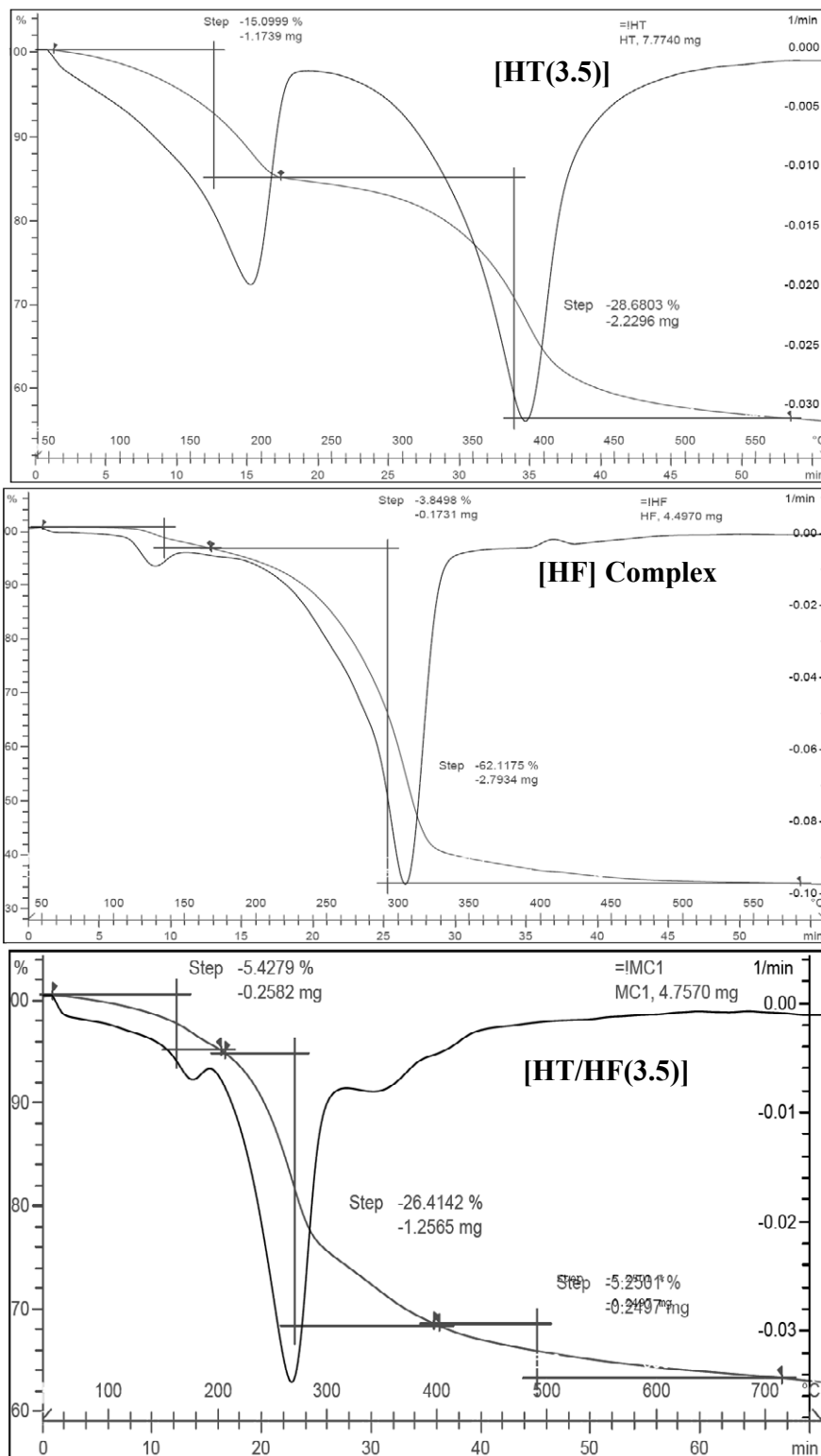


Fig. S4 TGA of [HT(3.5)], [HF] Complex and [HT/HF(3.5)].