

Supporting Information

Design and synthesis of fluorinated nitroaniline fused carrier explosives

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DFDNTN

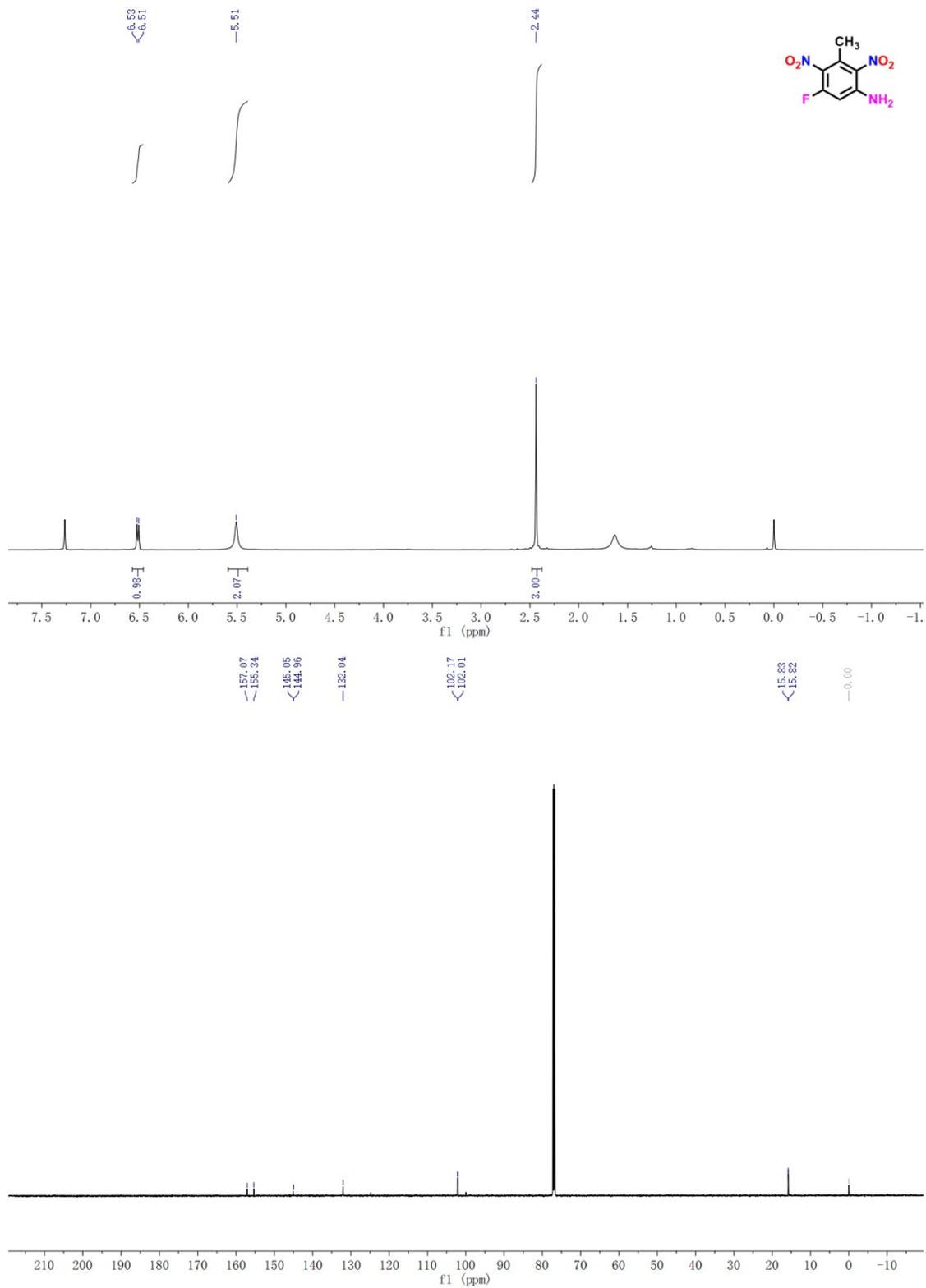


Figure S1 ¹H NMR and ¹³C NMR of DFDNTN (Deuterated reagent: CDCl₃)

PFDNTN

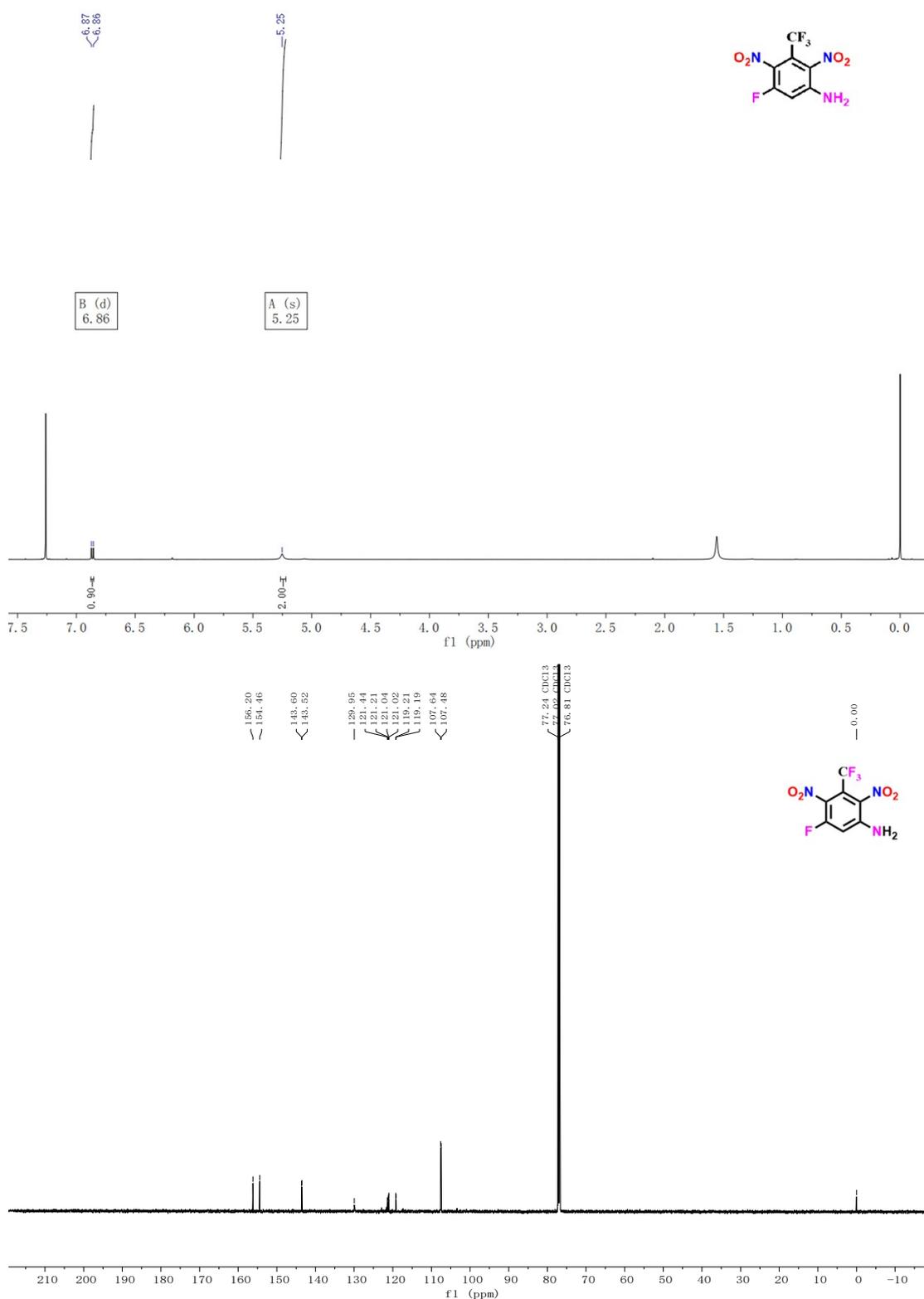


Figure S2 ¹H NMR and ¹³C NMR of PFDNTN (Deuterated reagent: CDCl₃)

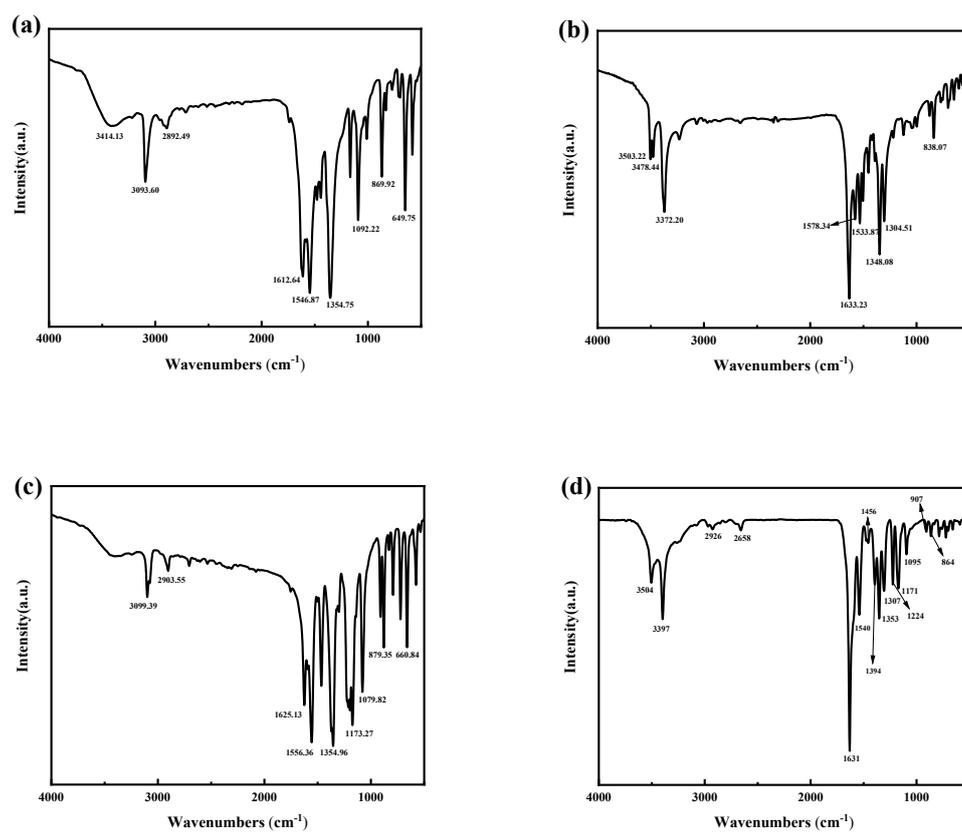


Figure S3 Infrared spectra of DFDNT(a), DFDNTN(b), PFDNT (c) and PFDNTN(d)