

Polyaromatic hydrocarbon (PAH) aza analogues of POPOP: synthesis and photophysical properties

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Chemical structures of the tested electron deficient compounds included in composition of explosives

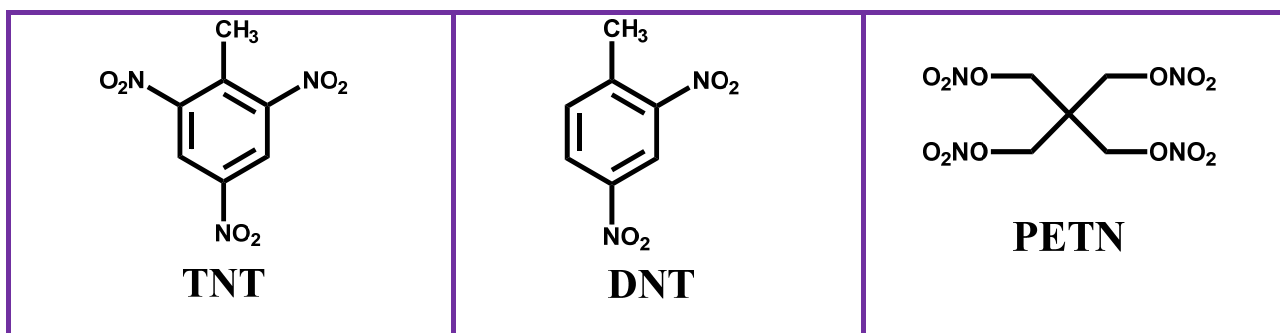


Figure S1. Chemical structures of 2,4,6-trinitrotoluene (TNT), 2,4-dinitrotoluene (DNT), pentaerythritol tetranitrate (PETN).

NMR spectra

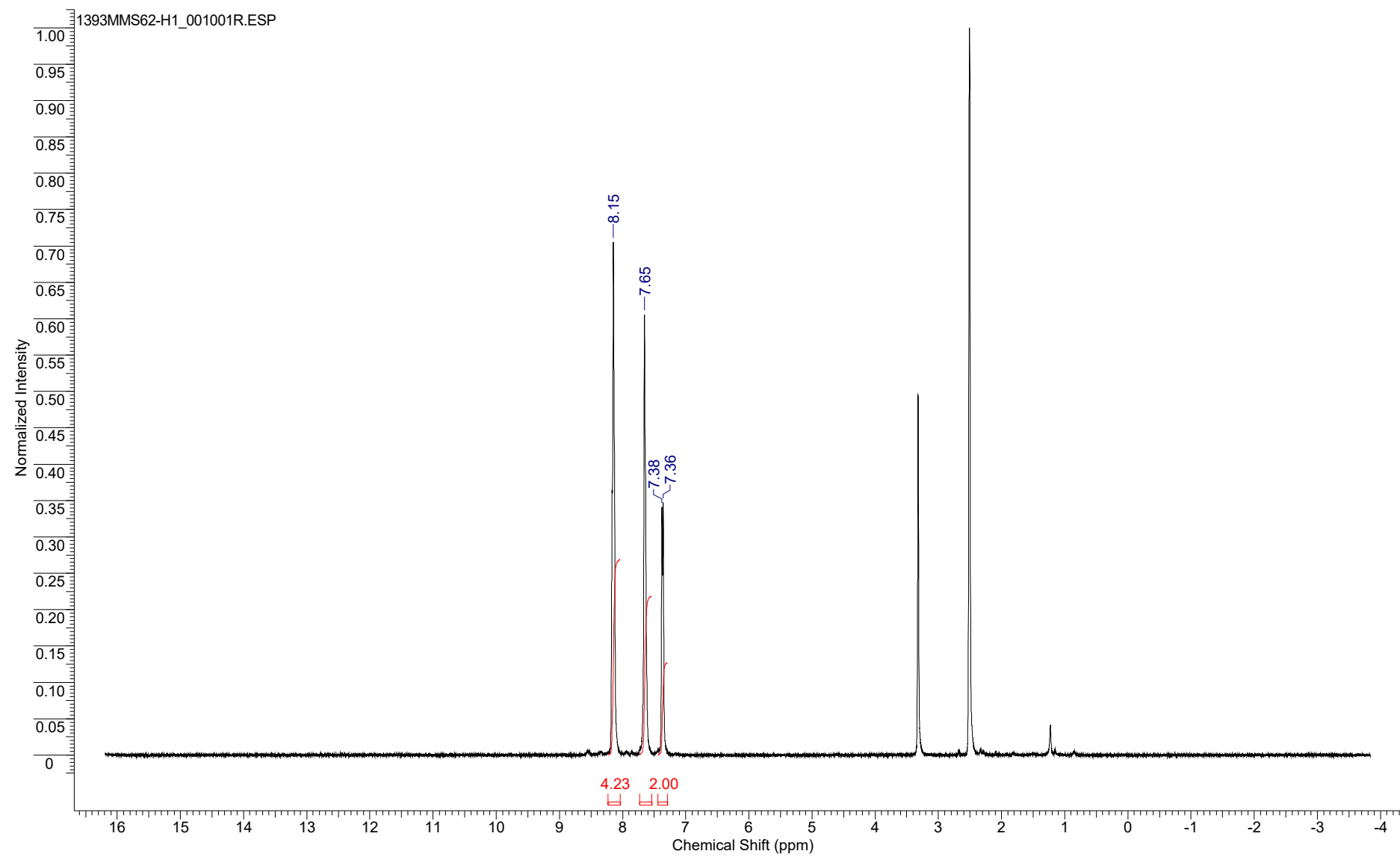


Figure S2. ^1H NMR spectrum of compound **2a**.

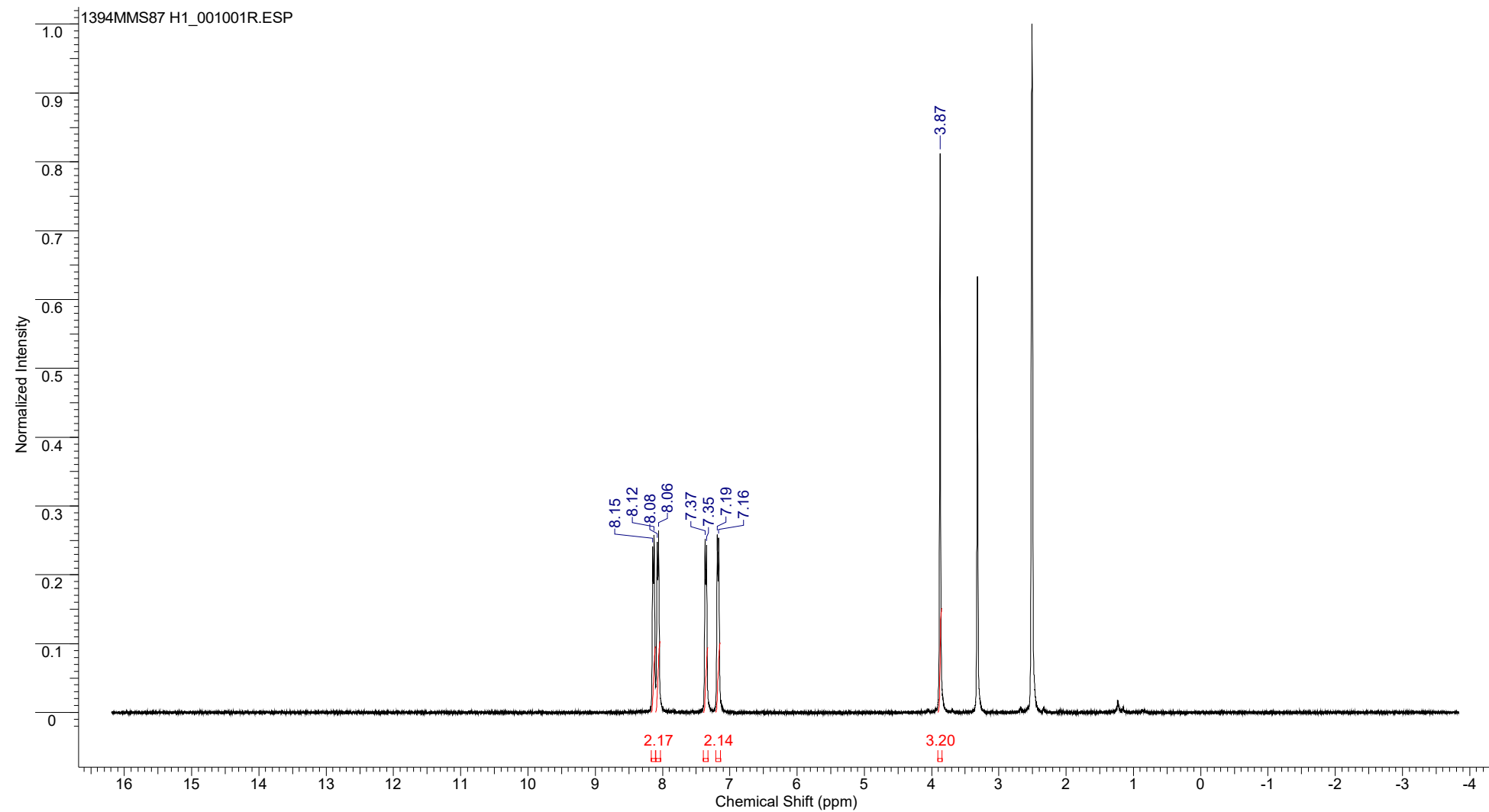


Figure S3. ^1H NMR spectrum of compound **2b**.

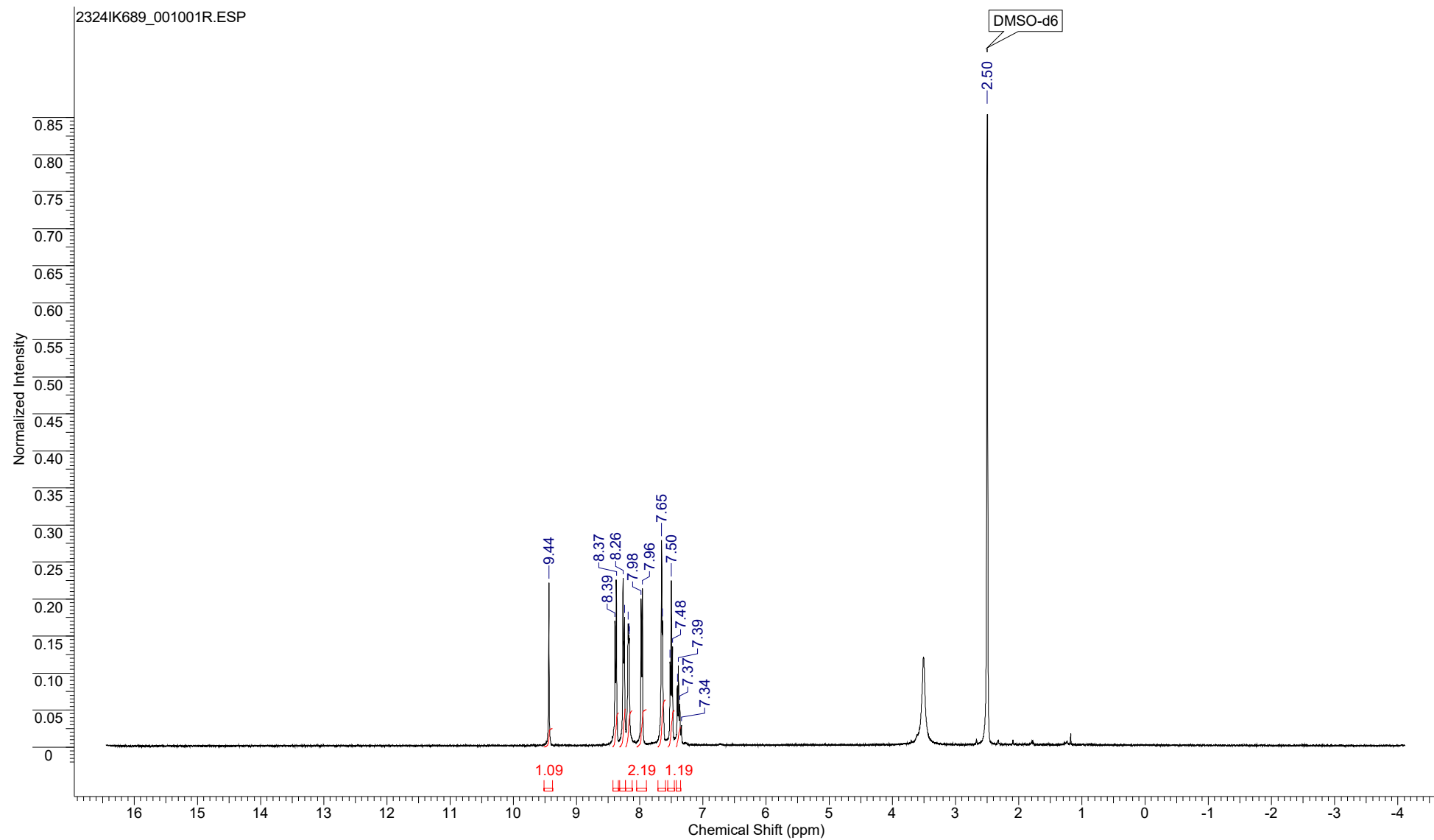


Figure S4. ^1H NMR spectrum of compound **3a**

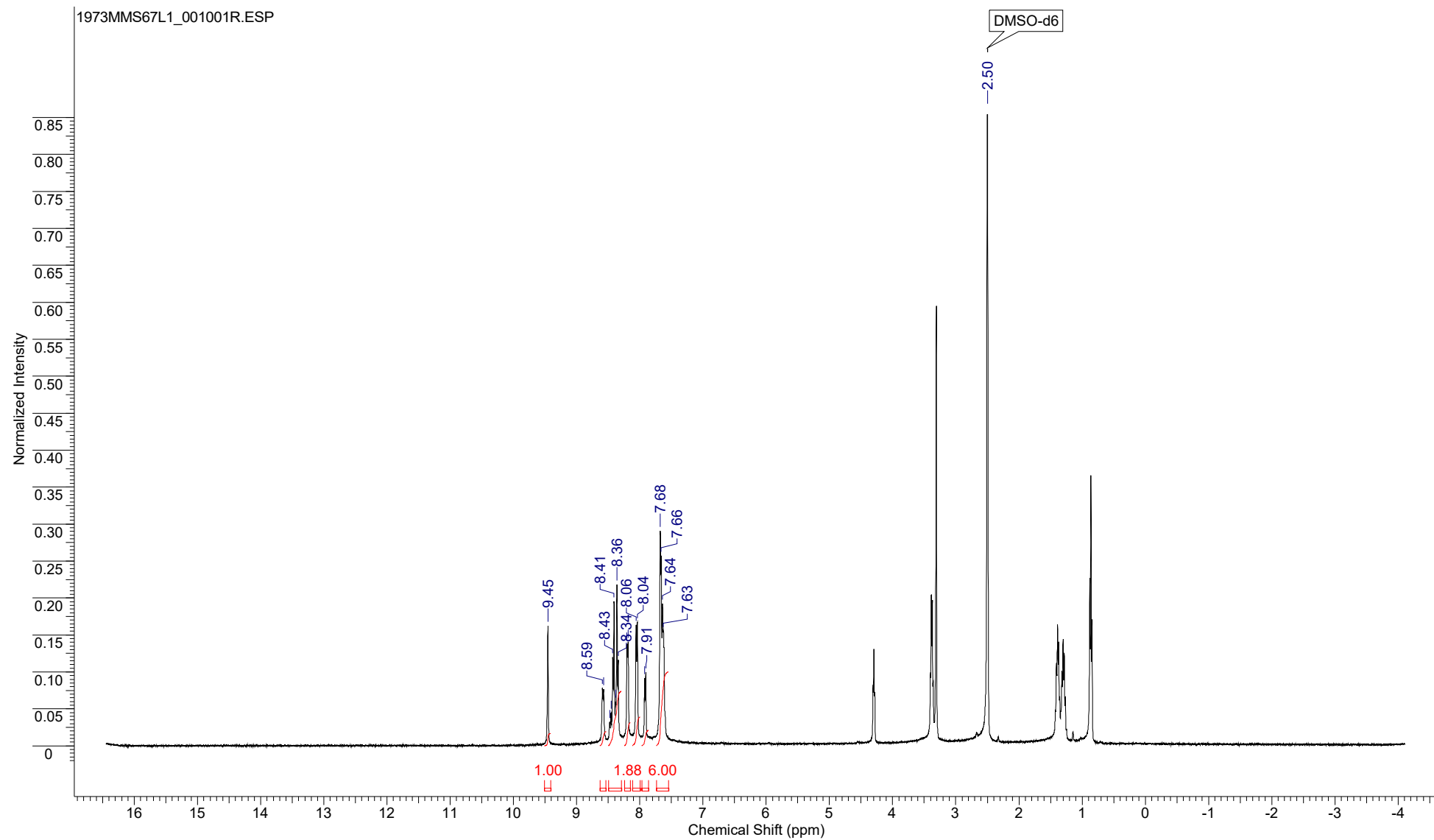


Figure S5. ^1H NMR spectrum of compound **3b**.

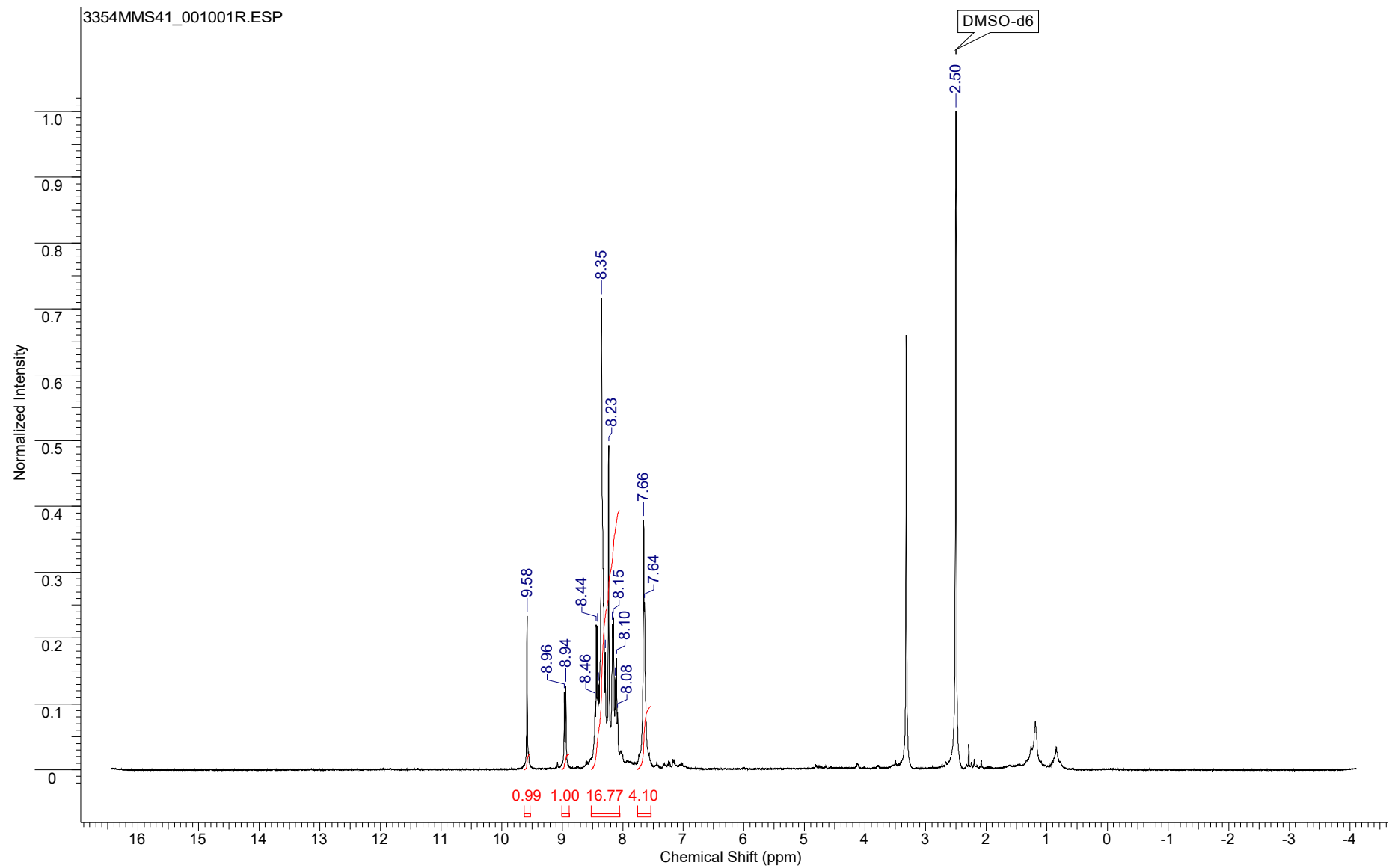


Figure S6. ^1H NMR spectrum of compound **3c**.

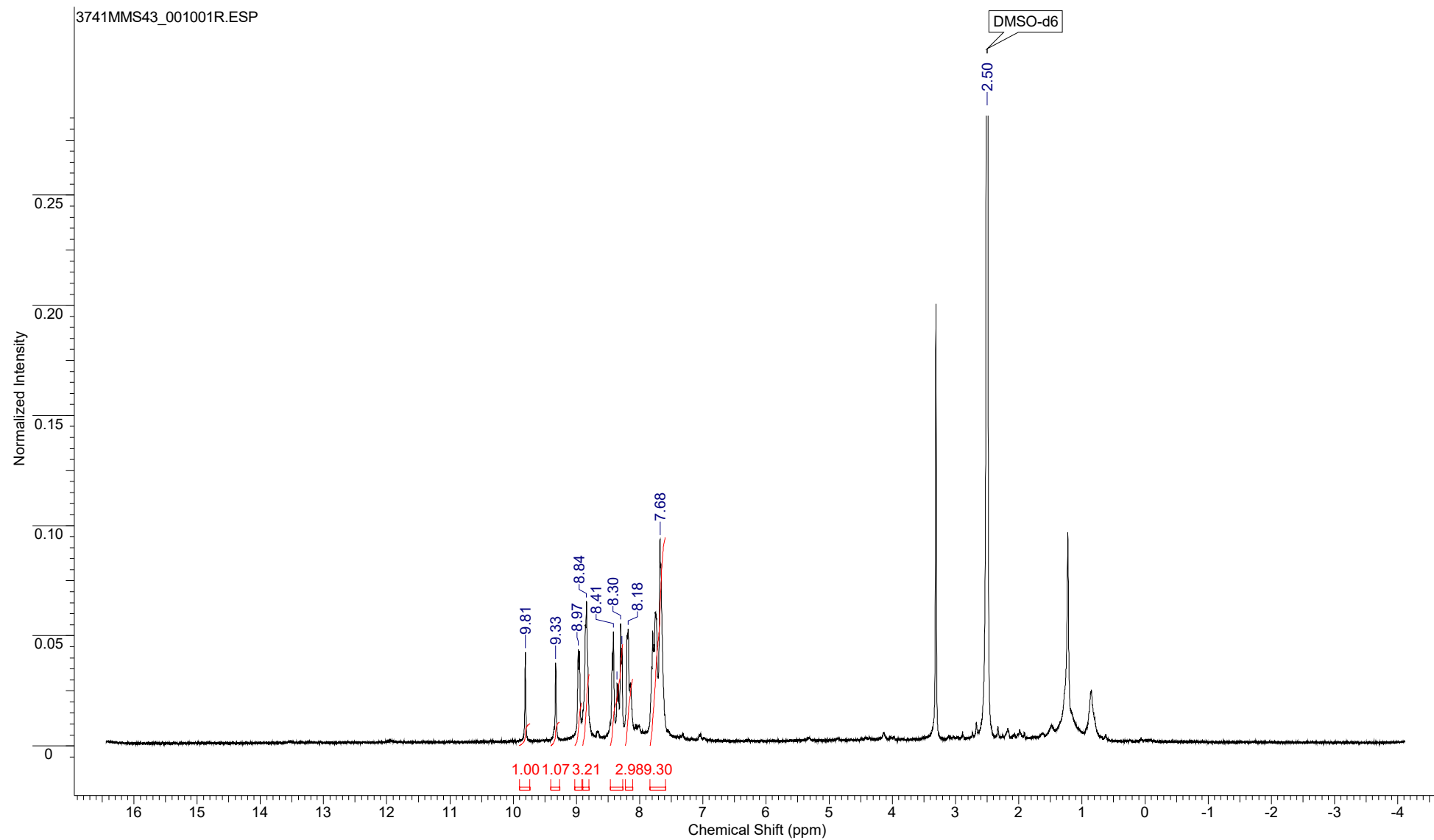


Figure S7. ^1H NMR spectrum of compound **3d**.

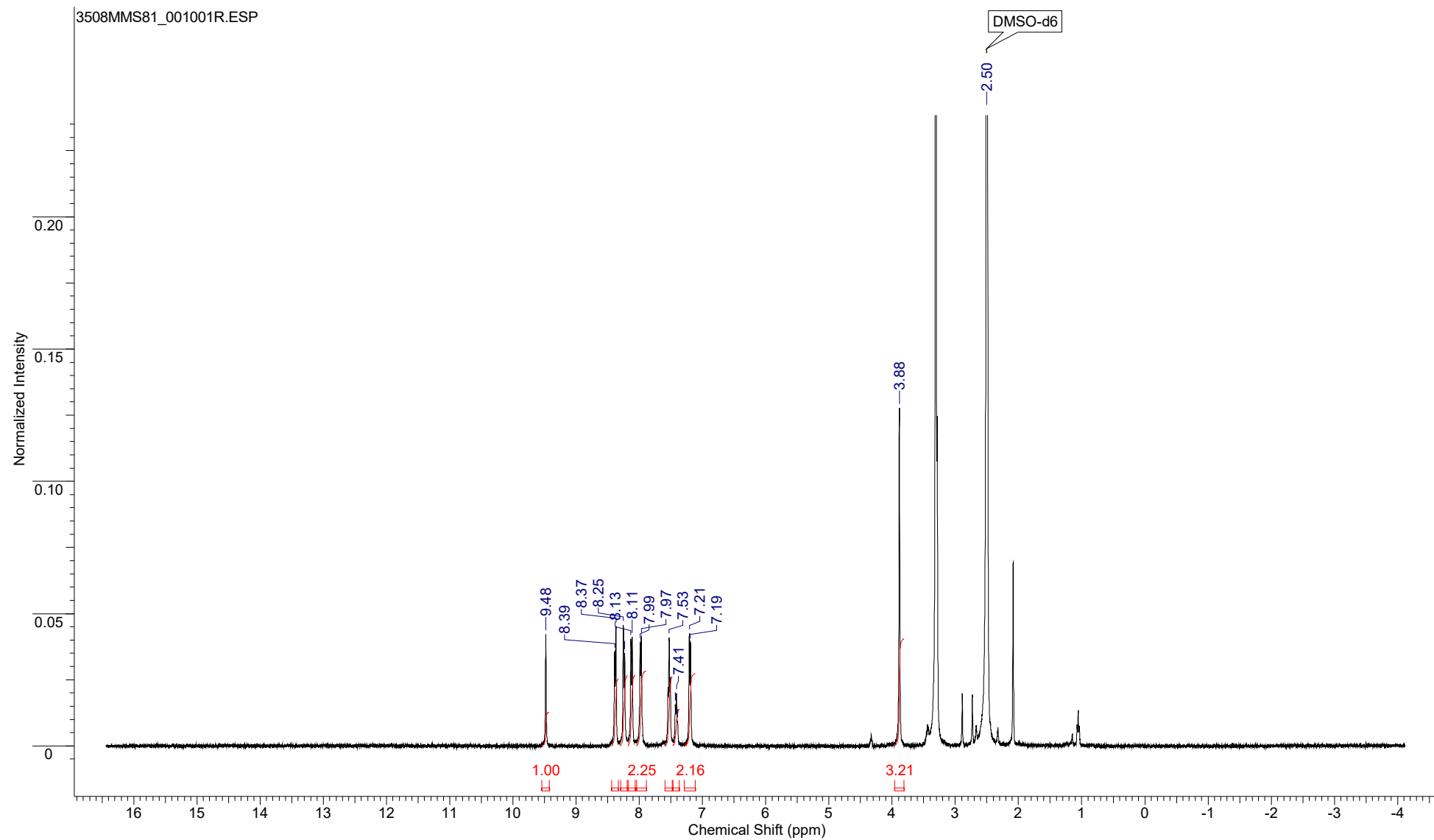


Figure S8. ^1H NMR spectrum of compound **3e**.

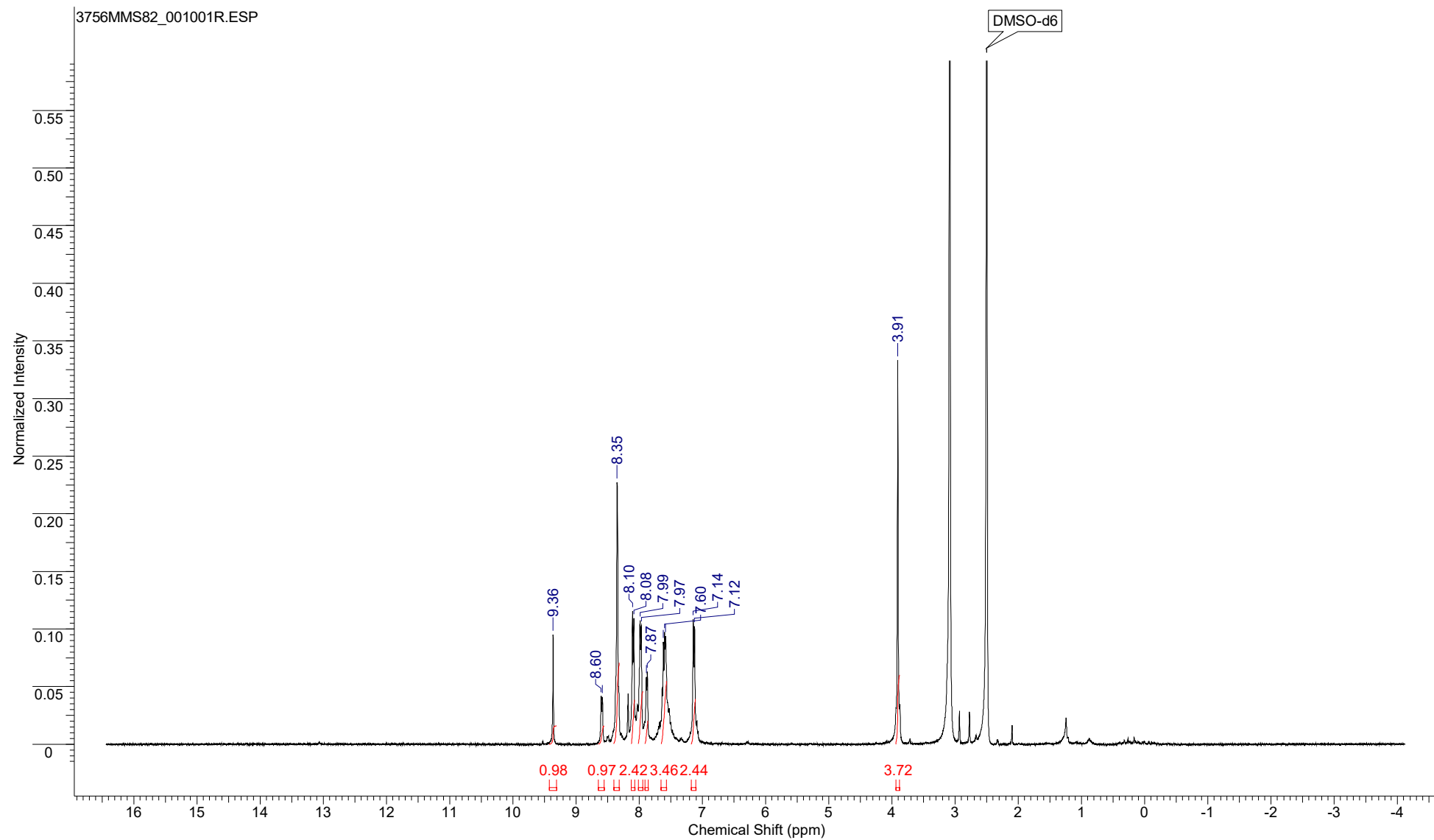


Figure S9. ^1H NMR spectrum of compound **3f**.

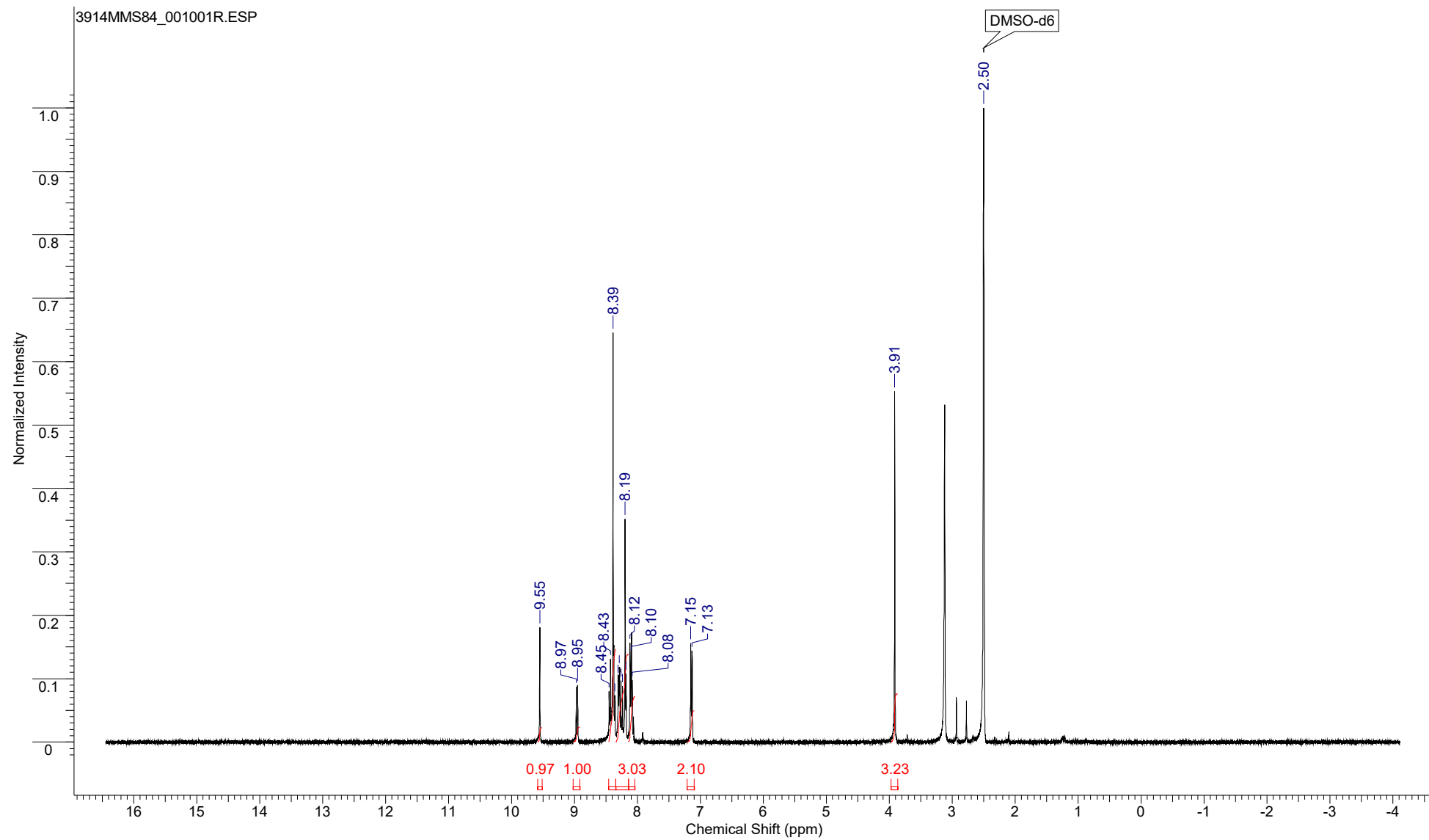


Figure S10. ^1H NMR spectrum of compound **3g**.