

Supporting information File 2

for

Synthesis and spectroscopic properties of β - triazoloporphyrin–xanthone dyads

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^1H and ^{13}C NMR spectra of newly synthesized compounds

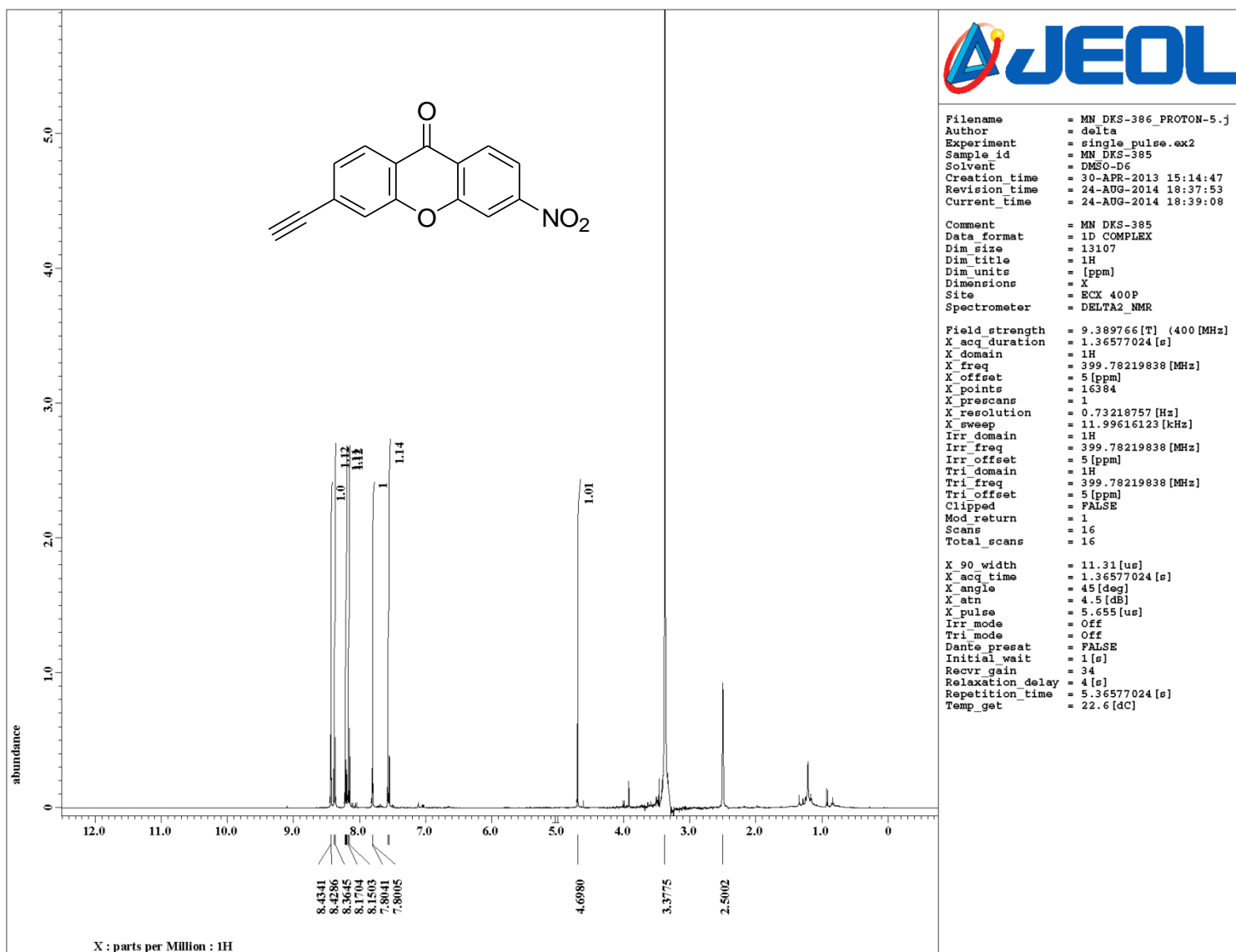


Figure S1: ¹H NMR spectrum of compound 4 in DMSO-*d*₆.

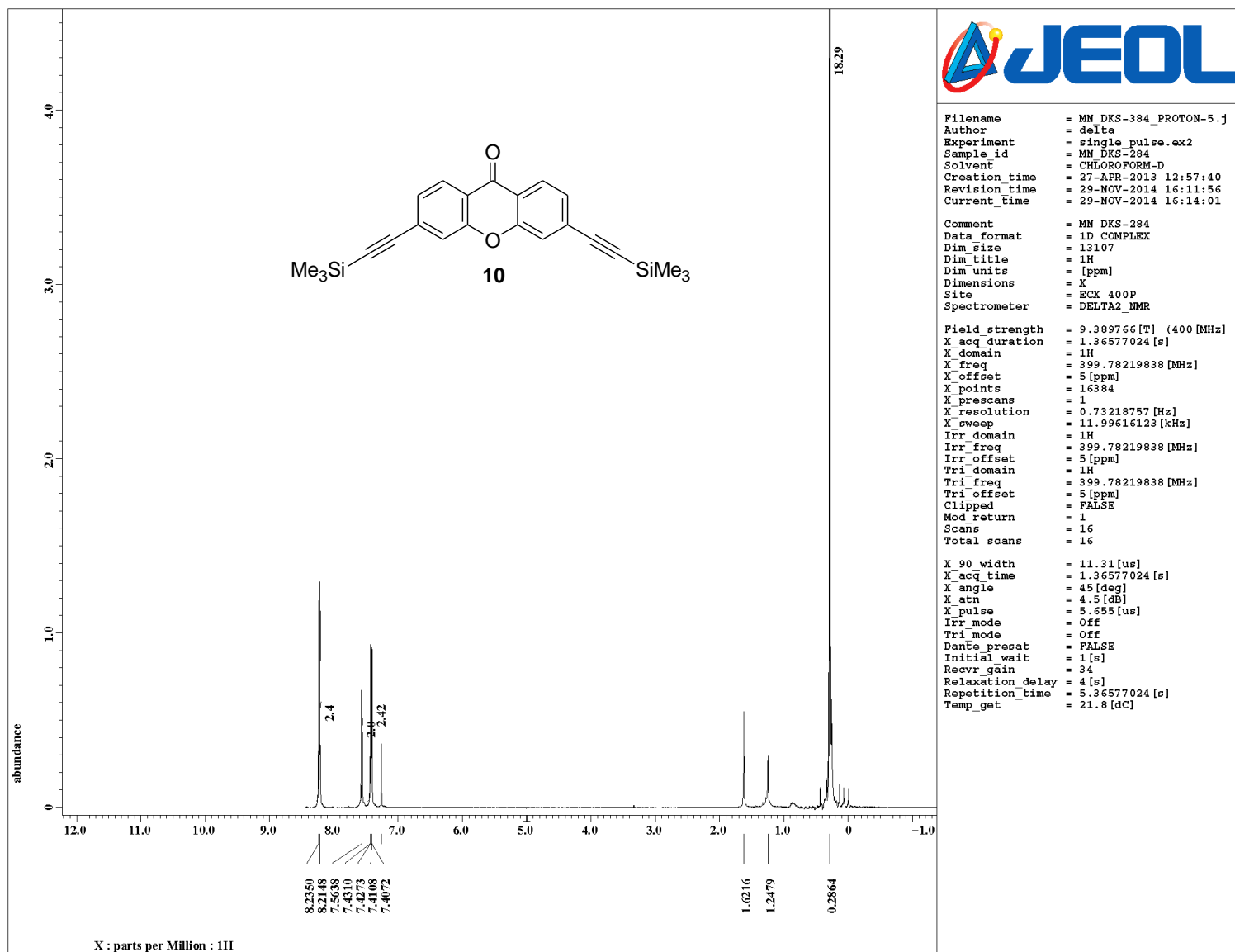


Figure S2: ^1H NMR spectrum of compound **10** in CDCl_3 .

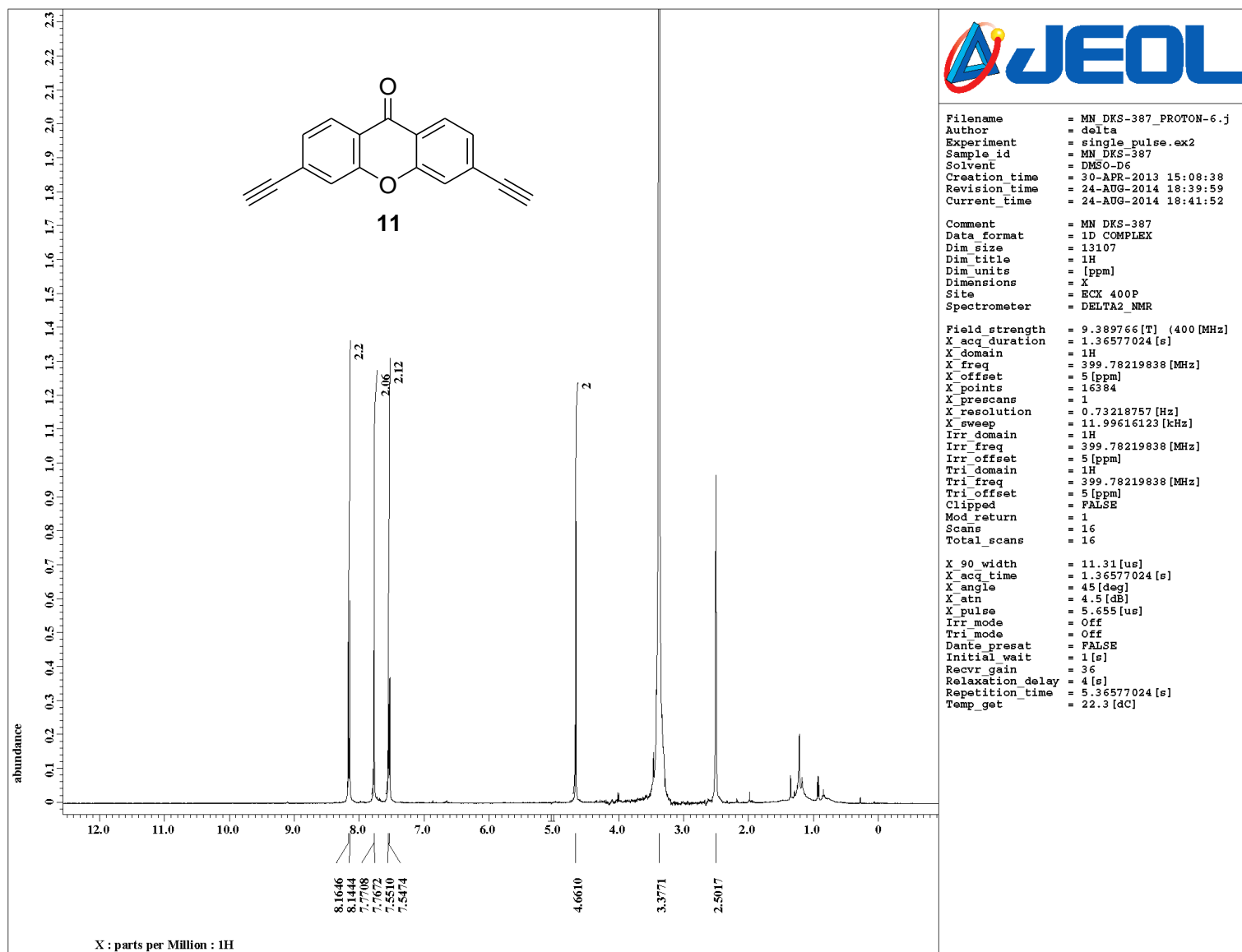


Figure S3: ^1H NMR spectrum of compound **11** in $\text{DMSO}-d_6$.

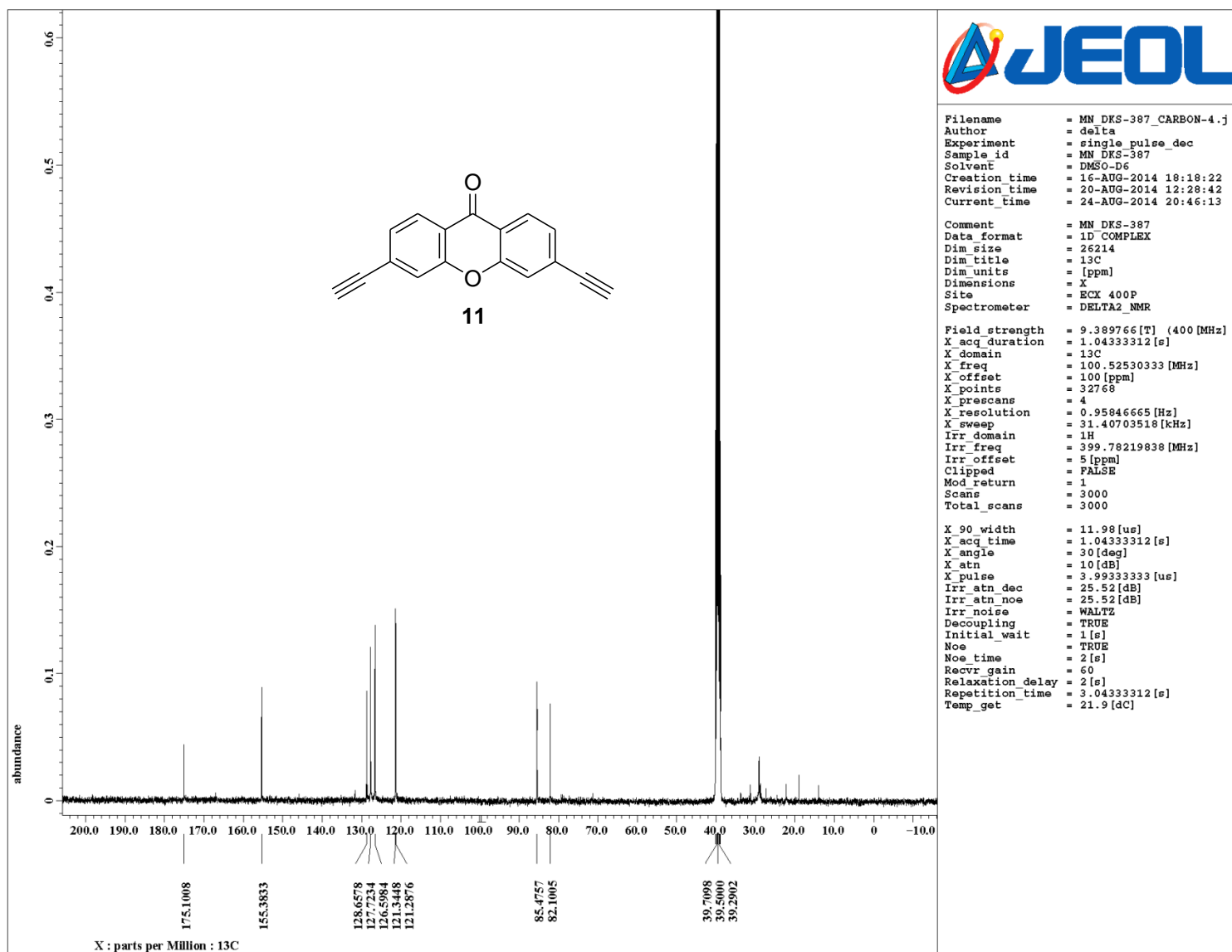


Figure S4: ^{13}C NMR spectrum of compound 11 in $\text{DMSO-}d_6$.

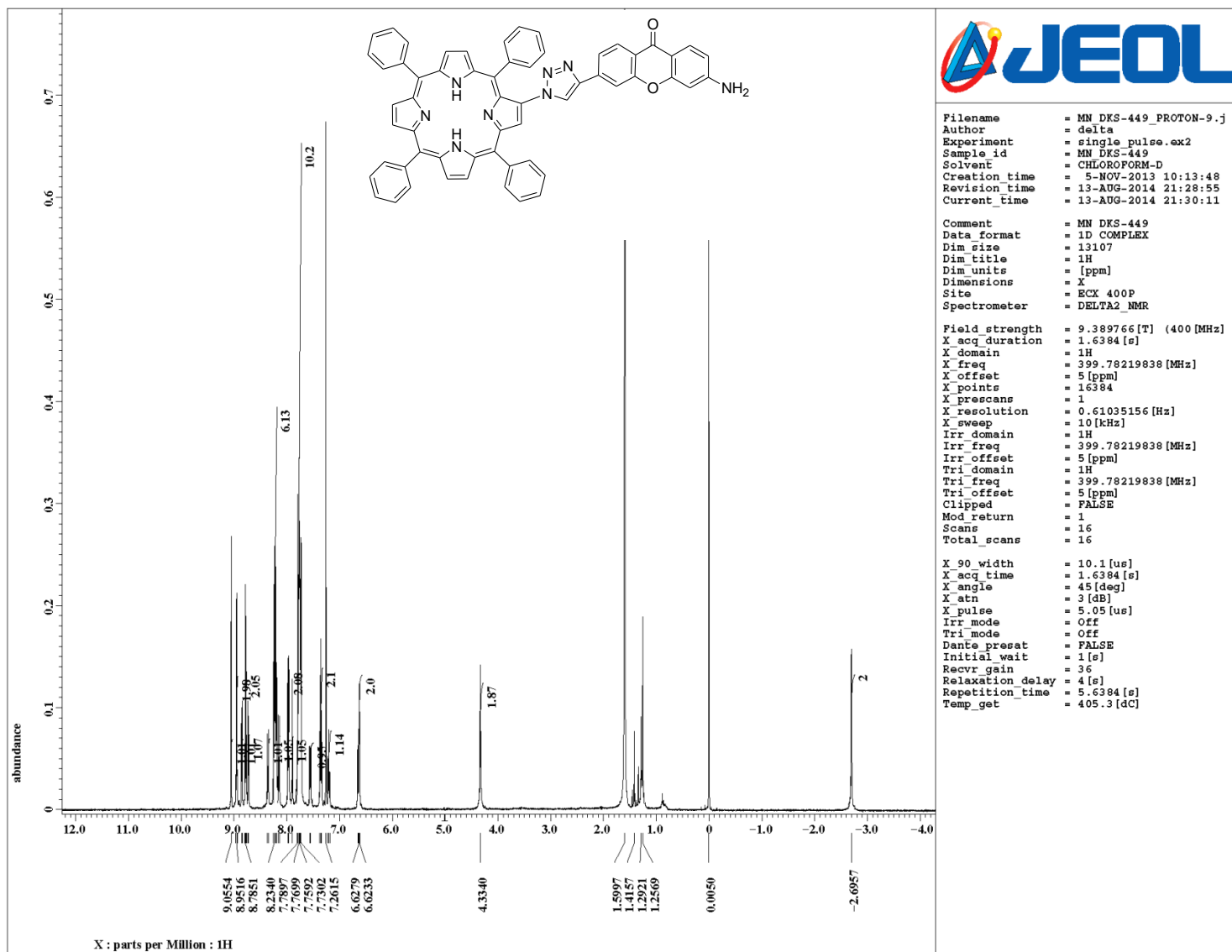


Figure S5: ^1H NMR spectrum of compound **6b** in CDCl_3 .

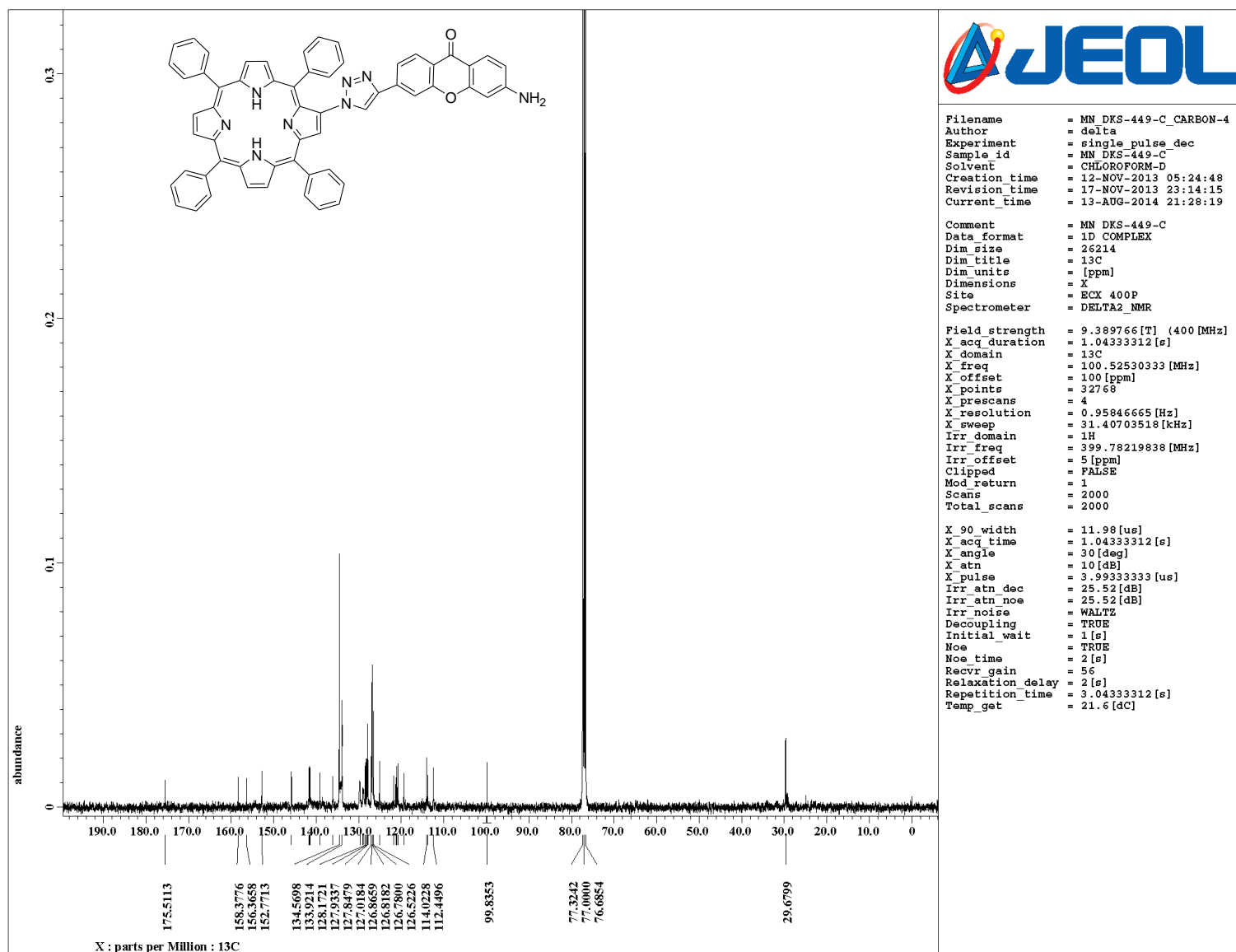


Figure S6: ^{13}C NMR spectrum of compound **6b** in CDCl_3 .

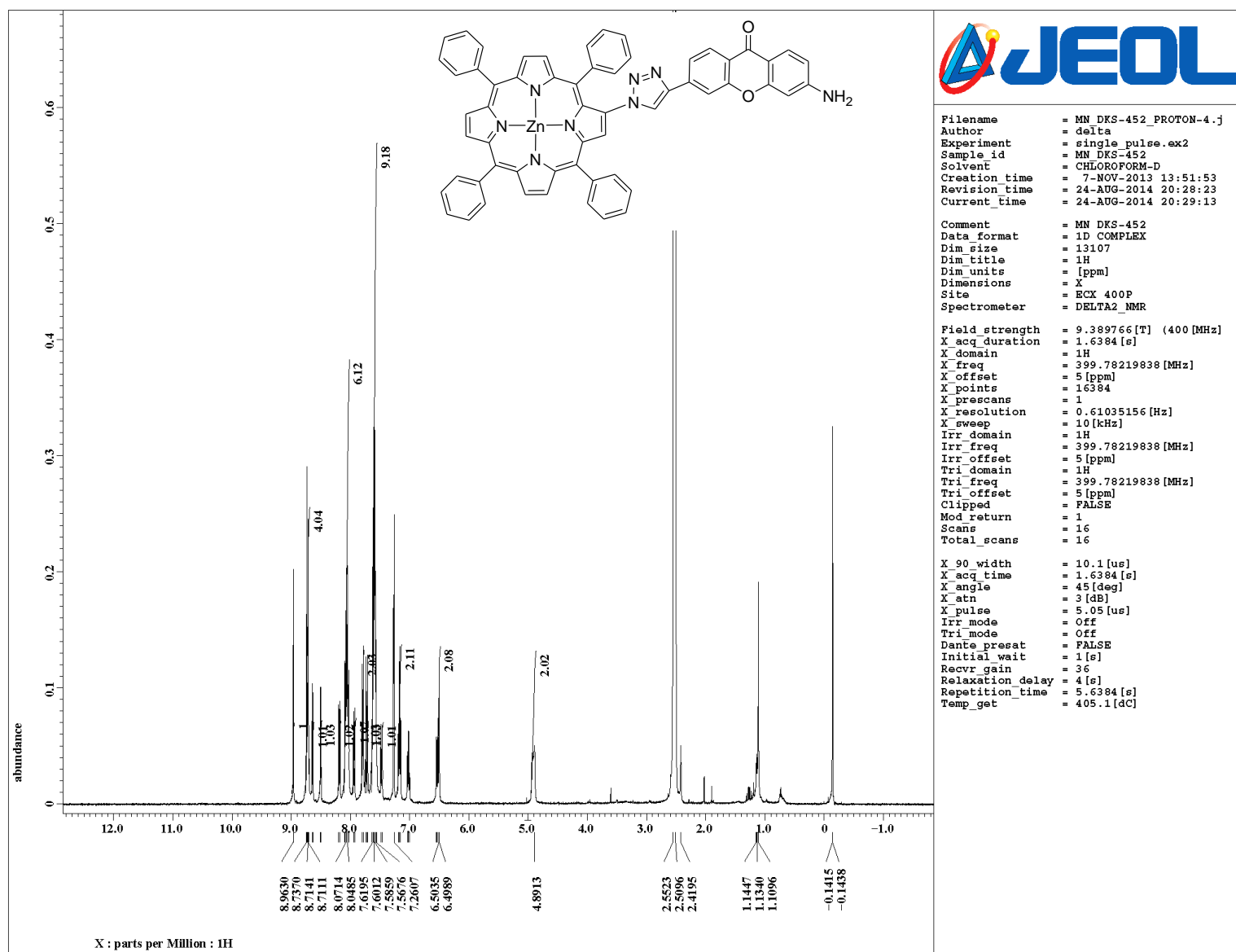


Figure S7: ^1H NMR spectrum of compound **6c** in $\text{CDCl}_3 + \text{DMSO}-d_6$.

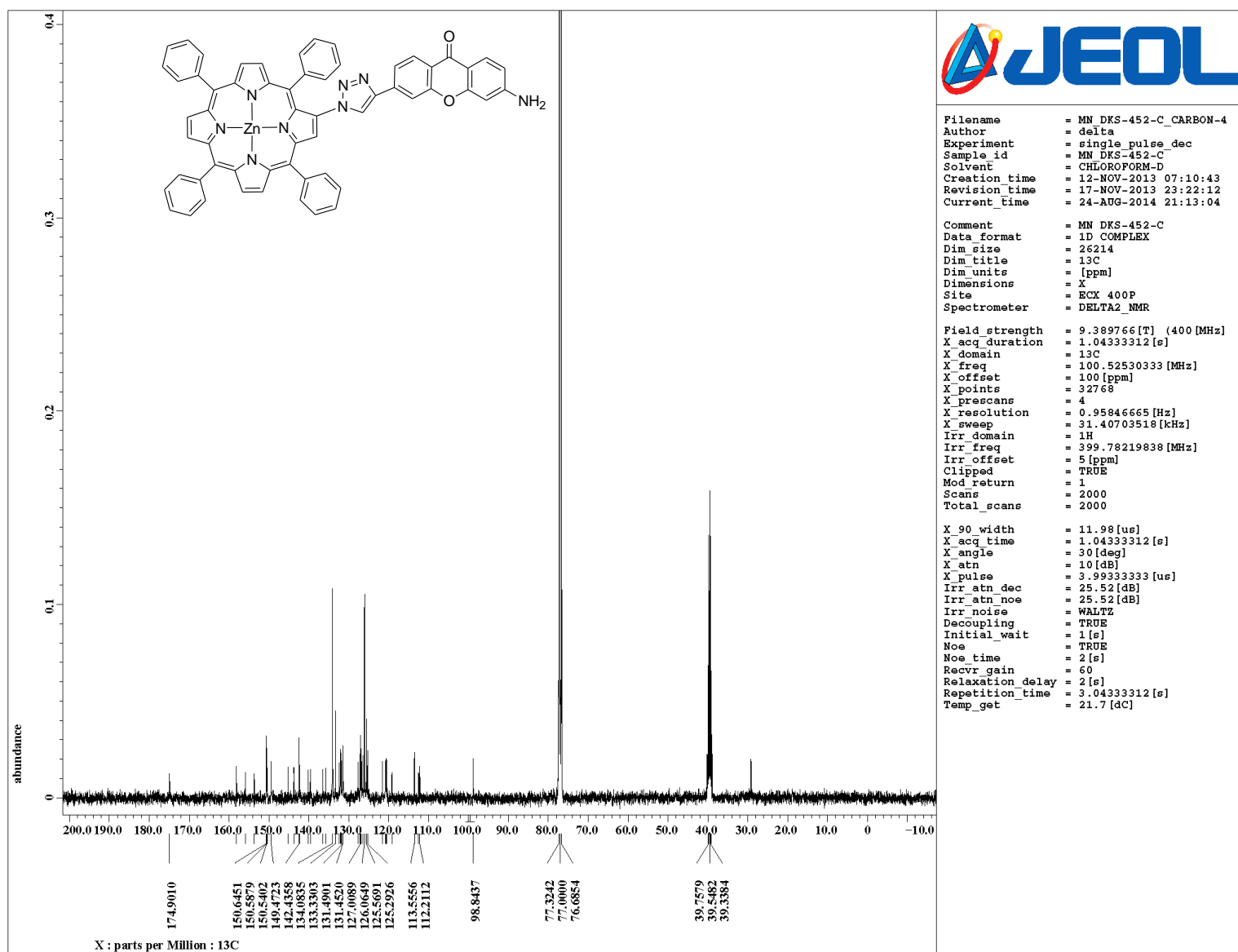


Figure S8: ^{13}C NMR spectrum of compound **6c** in $\text{CDCl}_3 + \text{DMSO-}d_6$.

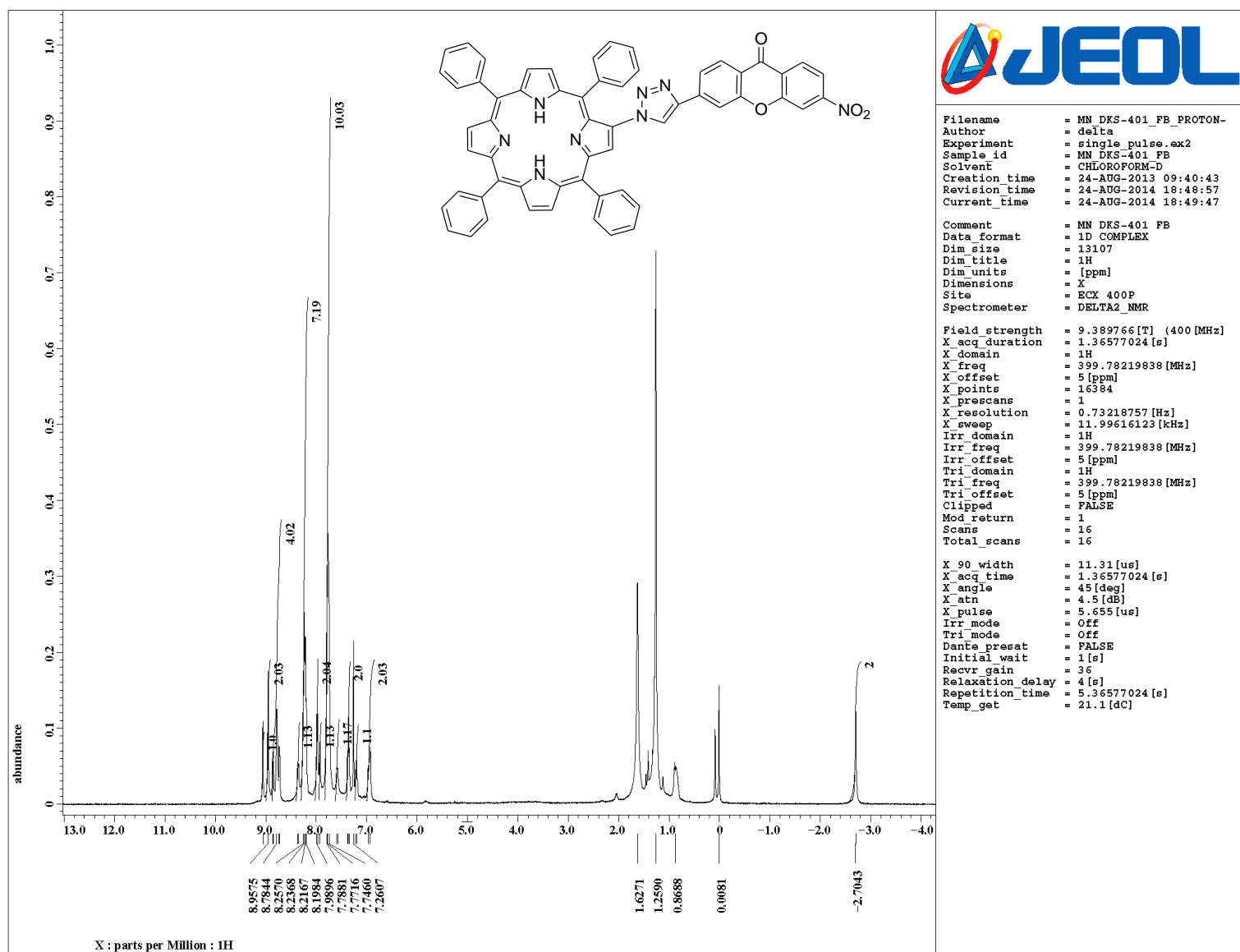


Figure S9: ¹H NMR spectrum of compound **6e** in CDCl₃.

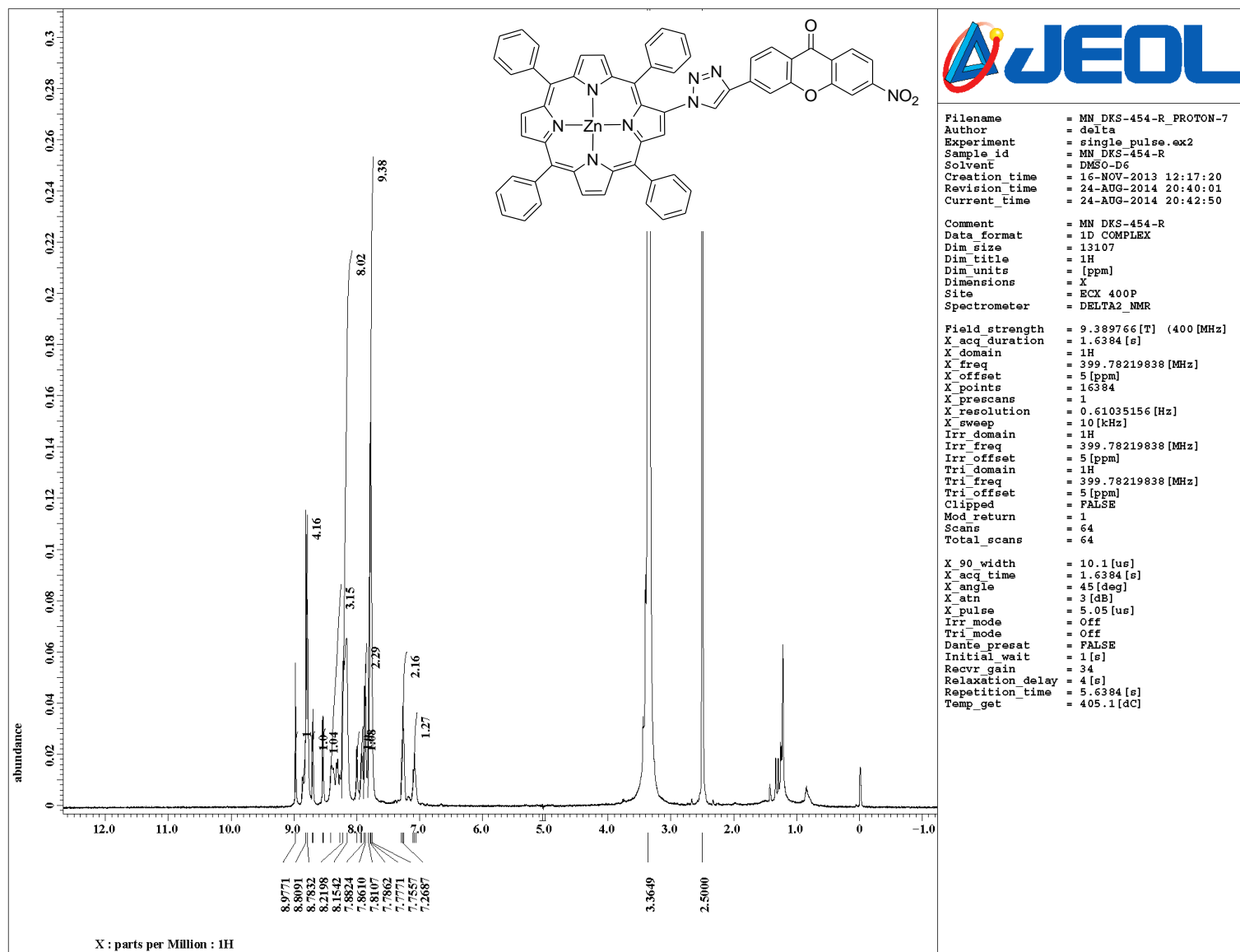


Figure S11: ^1H NMR spectrum of compound **6f** in $\text{DMSO}-d_6$.

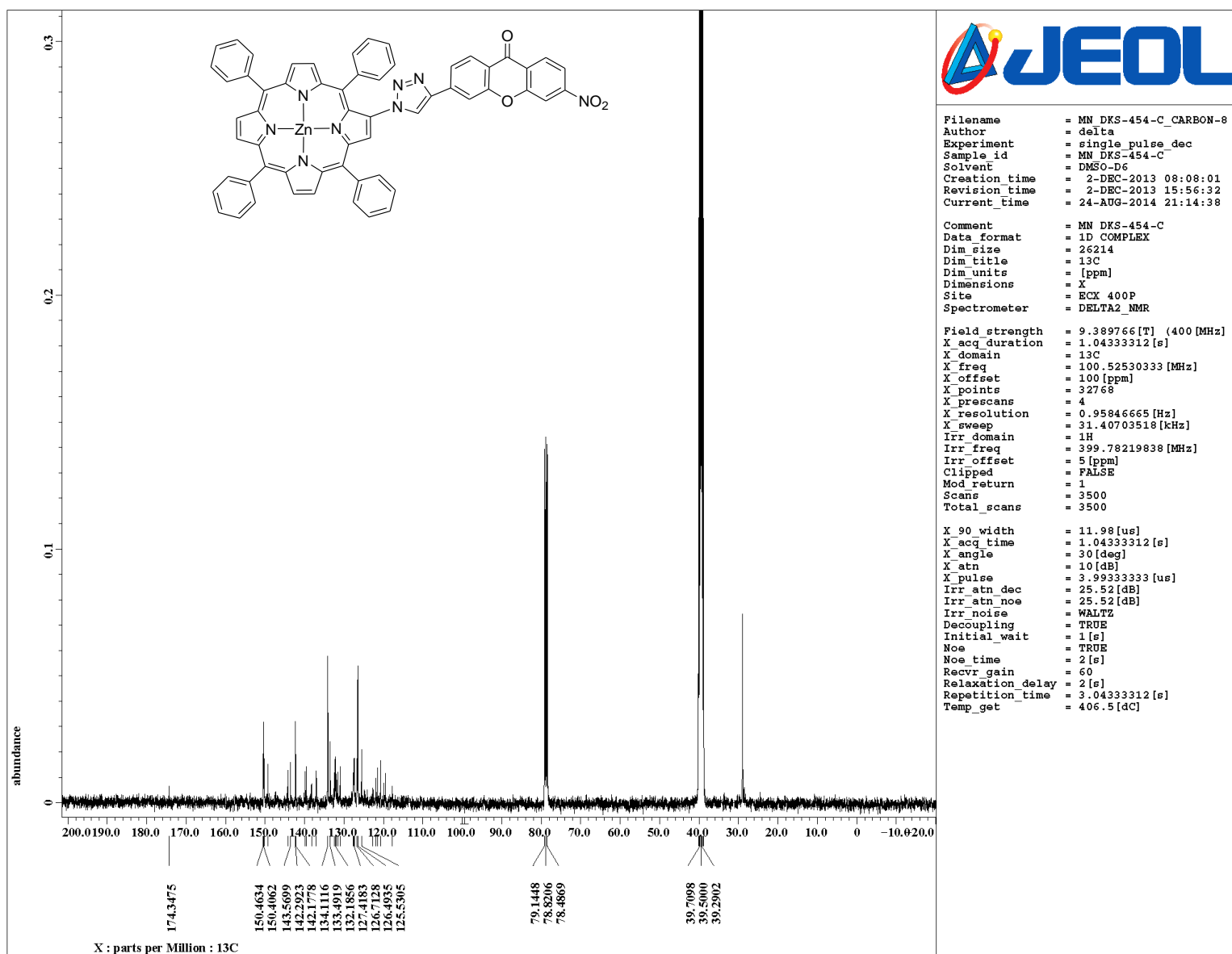


Figure S12: ^{13}C NMR spectrum of compound **6f** in $\text{CDCl}_3 + \text{DMSO}-d_6$.

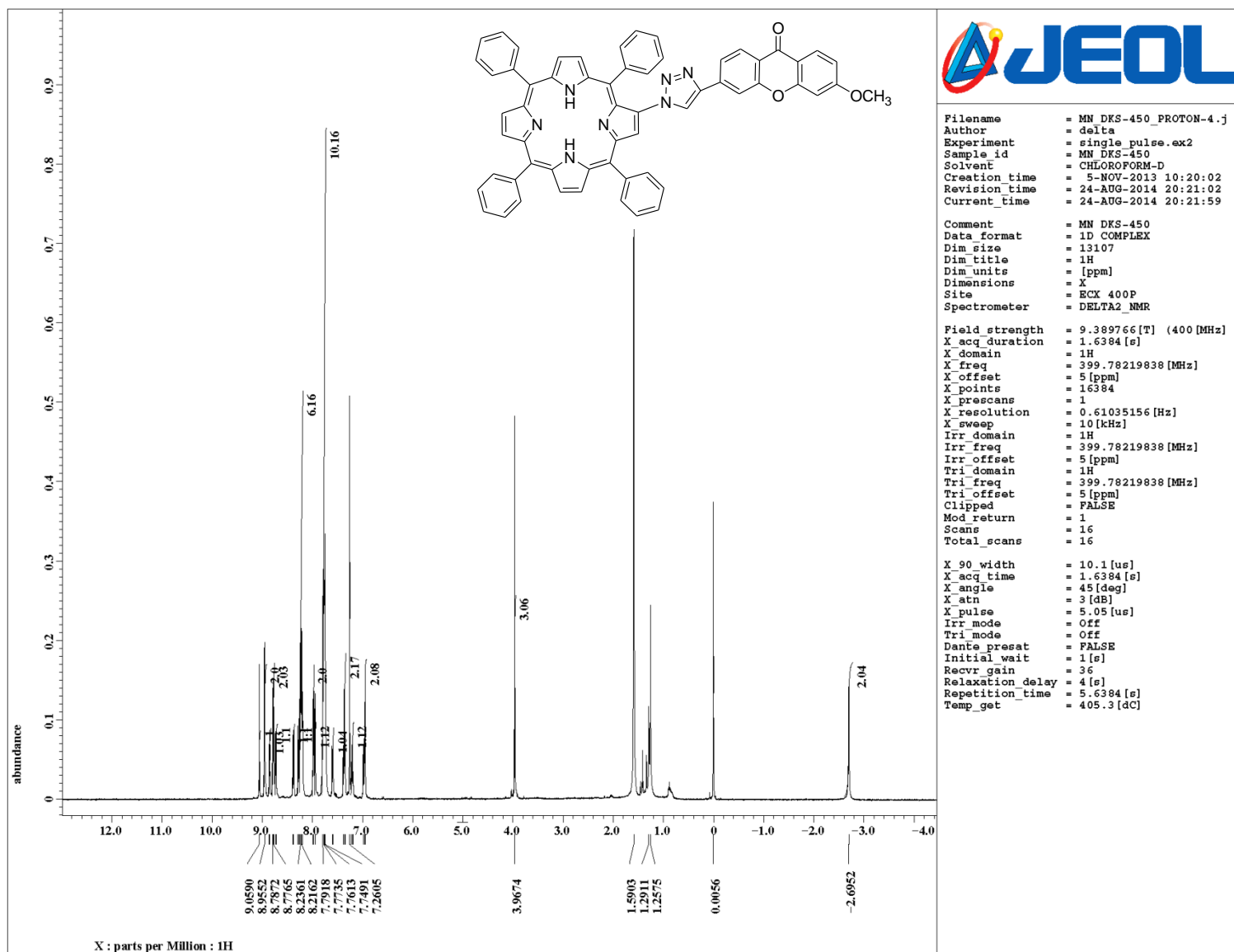


Figure S13: ^1H NMR spectrum of compound **6h** in CDCl_3 .

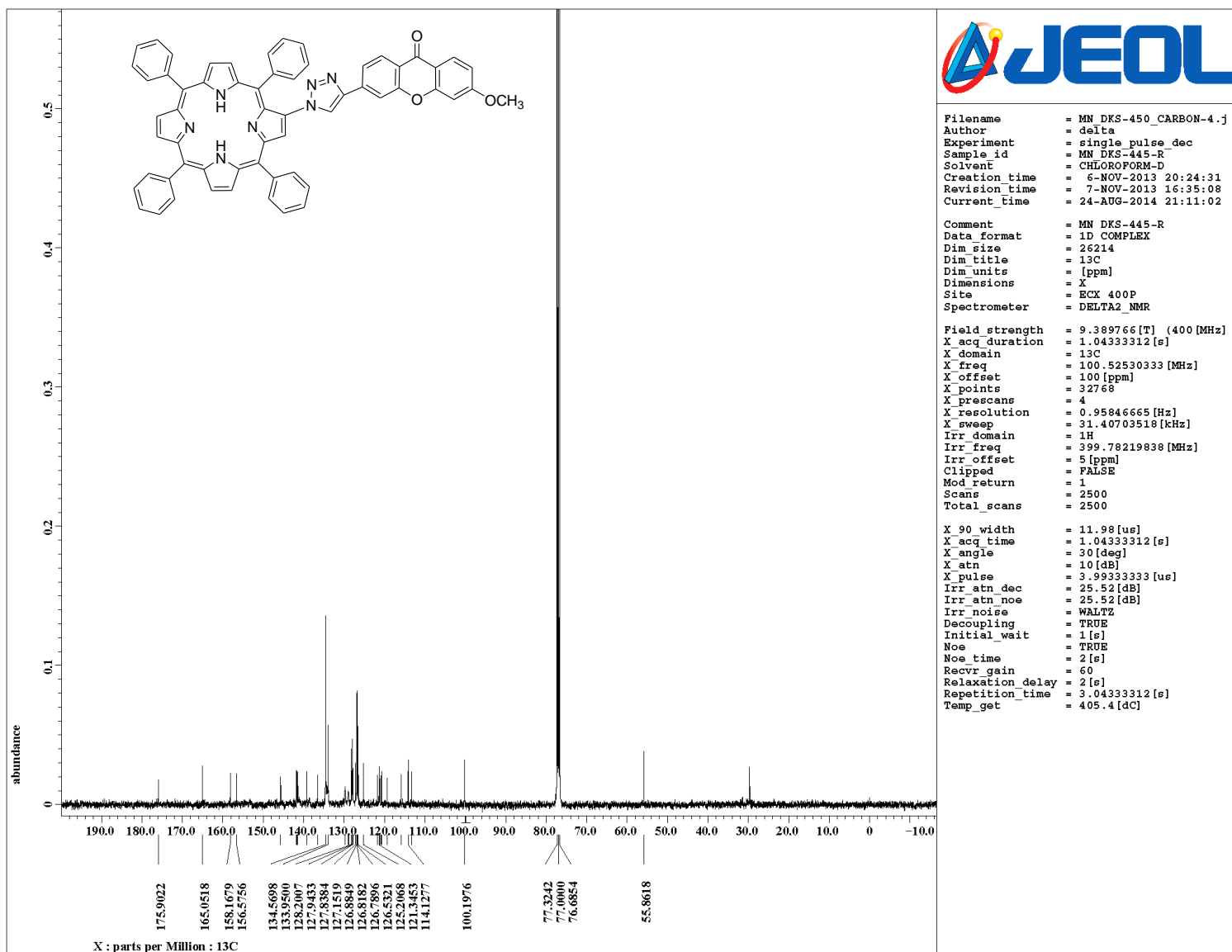


Figure S14: ^{13}C NMR spectrum of compound **6h** in CDCl_3 .

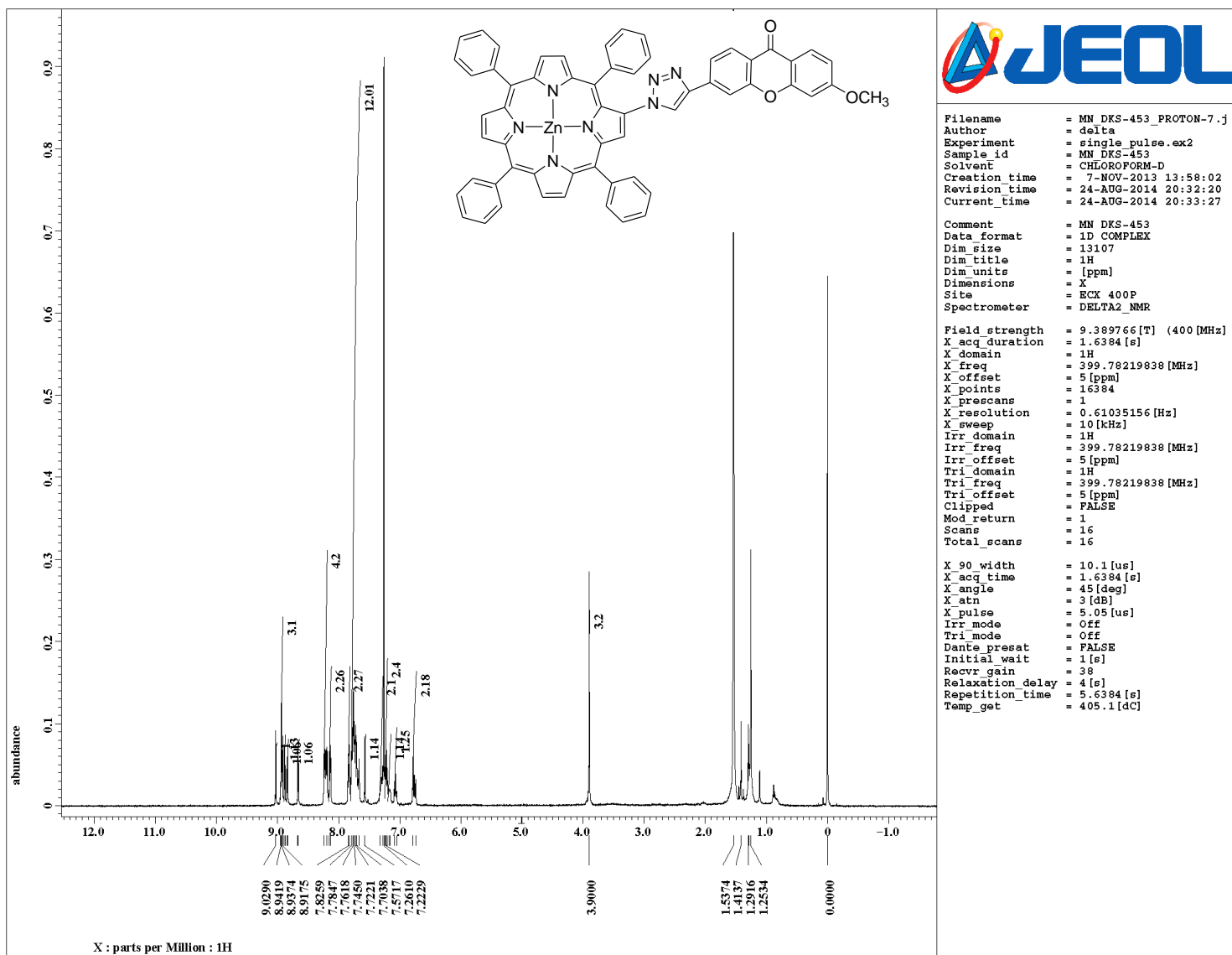


Figure S15: ¹H NMR spectrum of compound **6i** in CDCl₃.

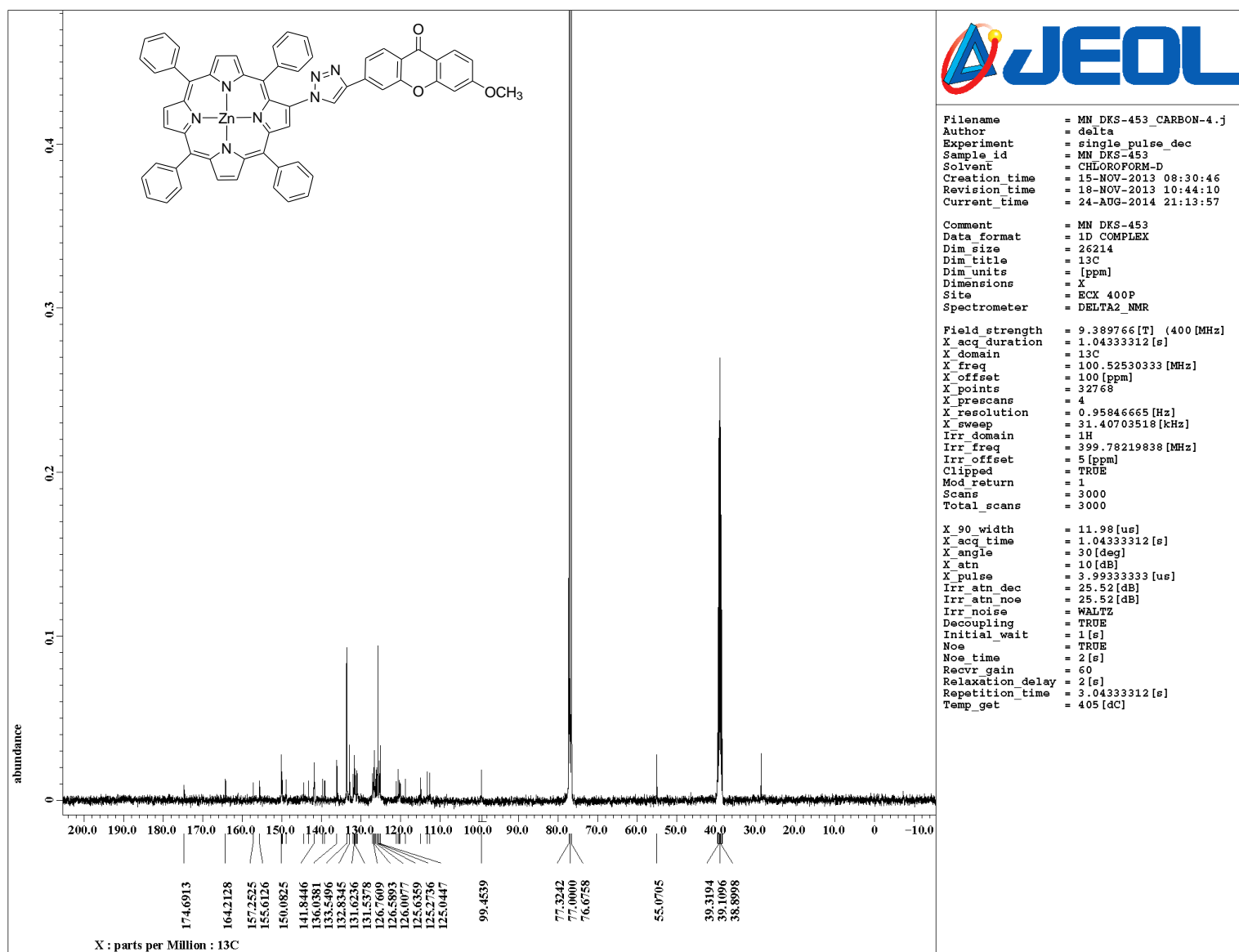


Figure S16: ^{13}C NMR spectrum of compound **6i** in $\text{CDCl}_3 + \text{DMSO}-d_6$.

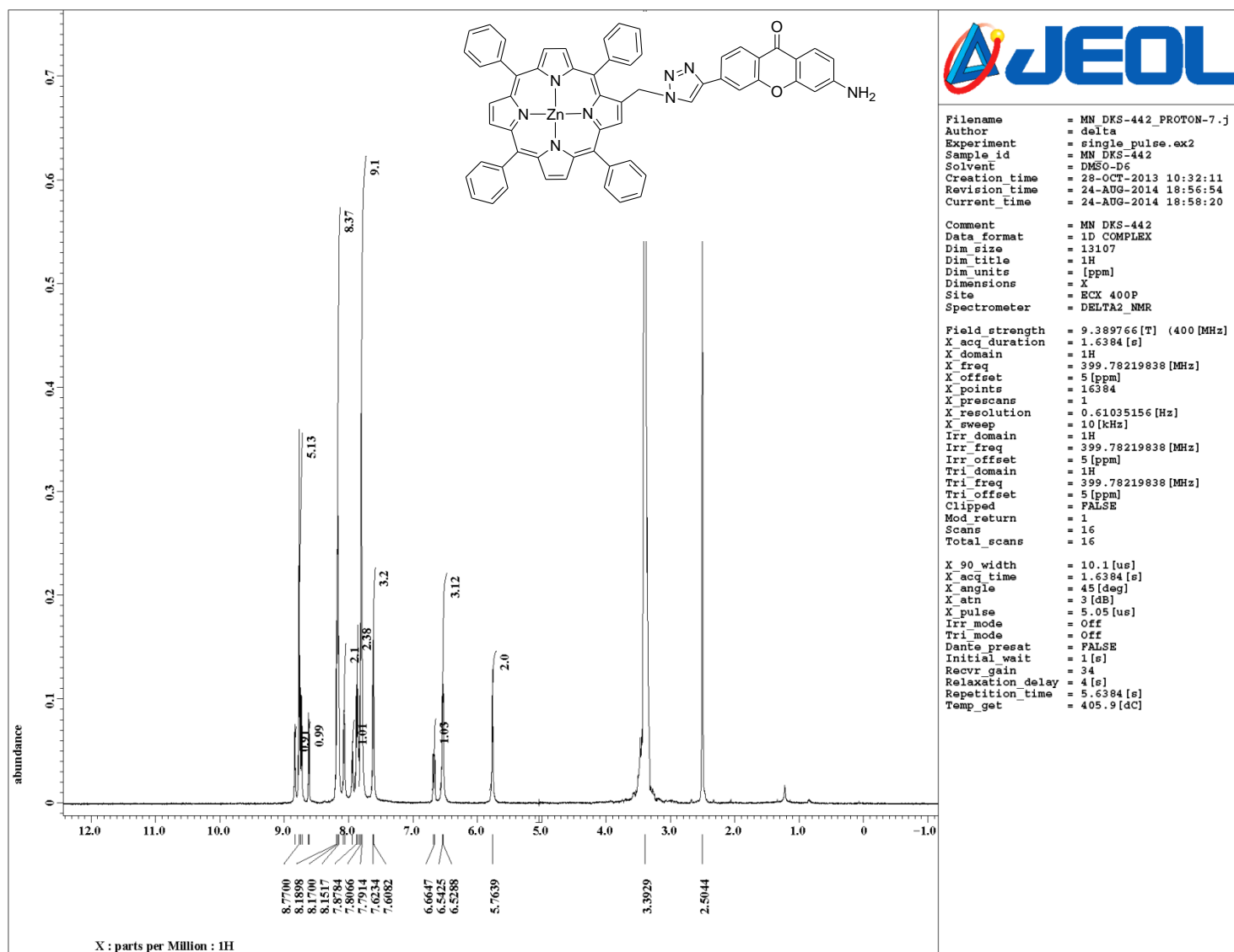


Figure S17: ^1H NMR spectrum of compound **7a** in DMSO-*d*₆.

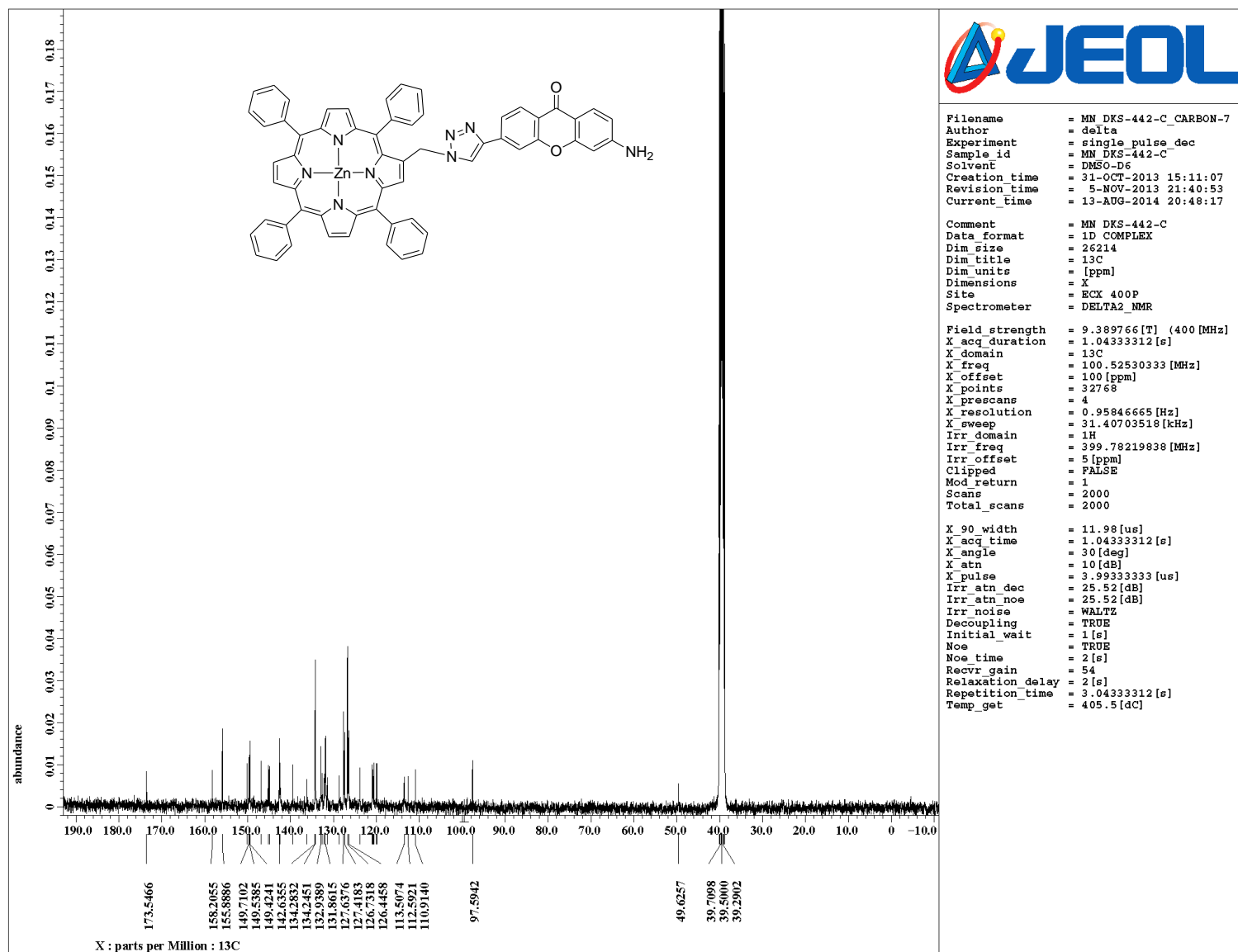


Figure S18: ^{13}C NMR spectrum of compound **7a** in $\text{DMSO-}d_6$.

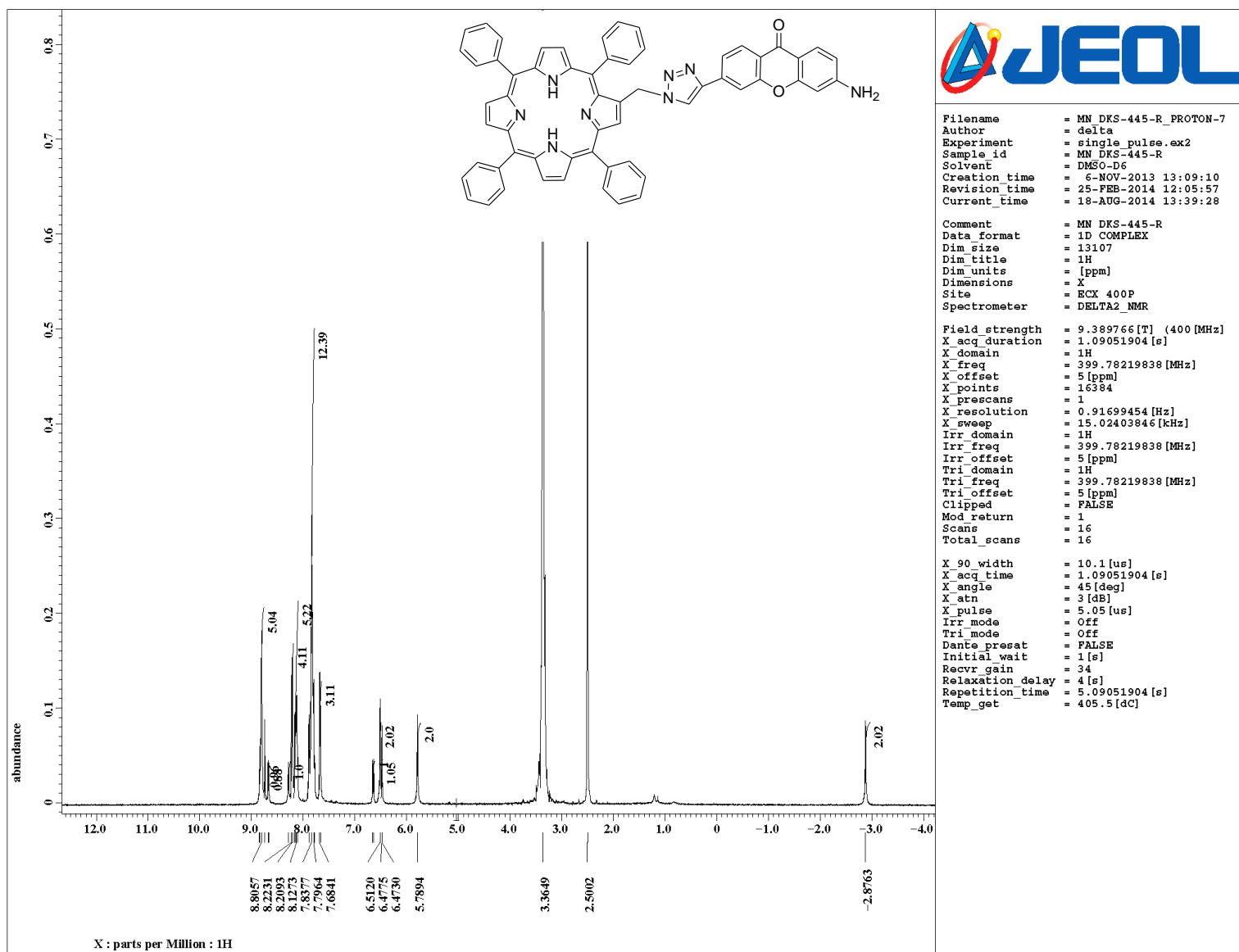


Figure S19: ¹H NMR spectrum of compound **7b** in DMSO-*d*₆.

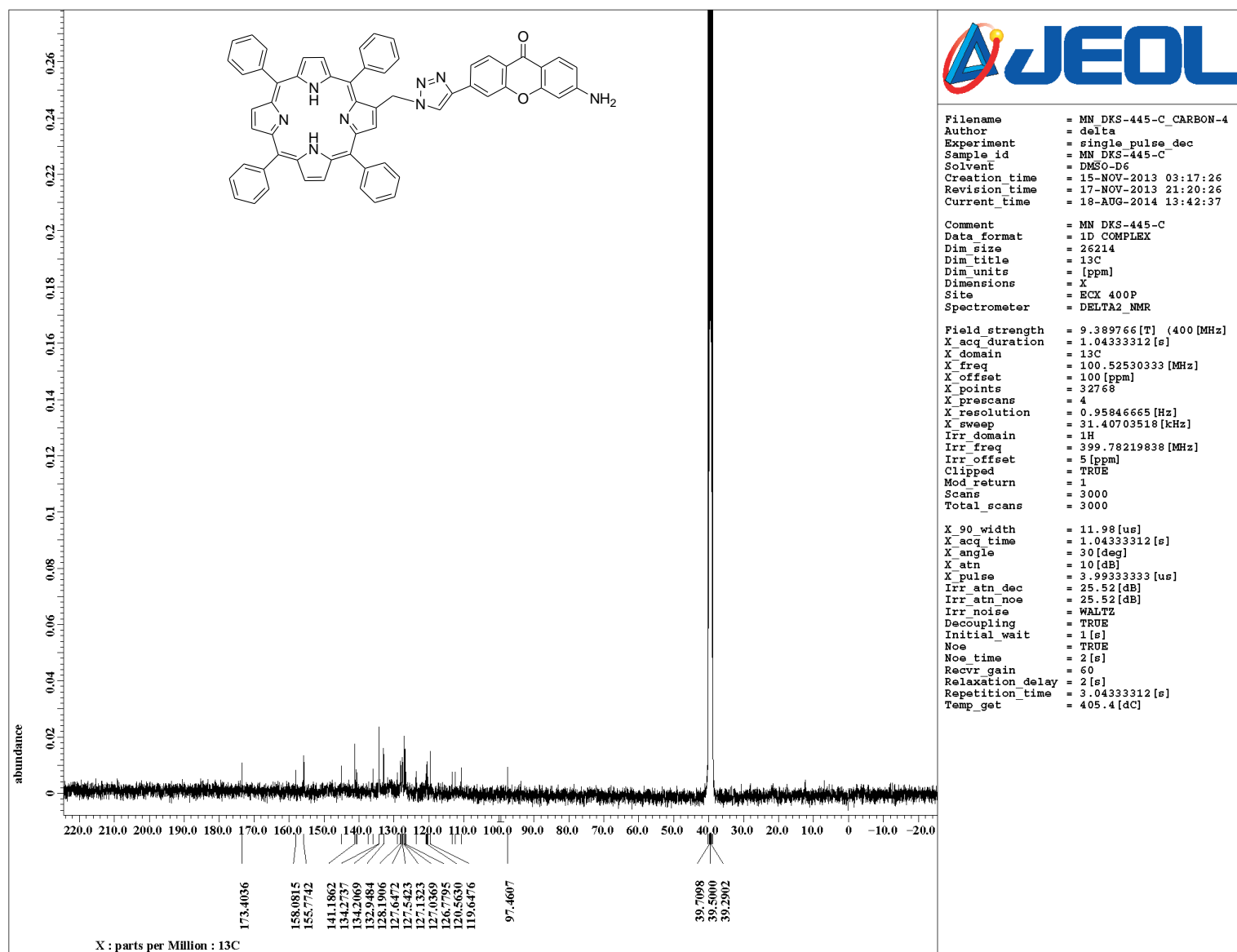


Figure S20: ^{13}C NMR spectrum of compound **7b** in $\text{DMSO-}d_6$.

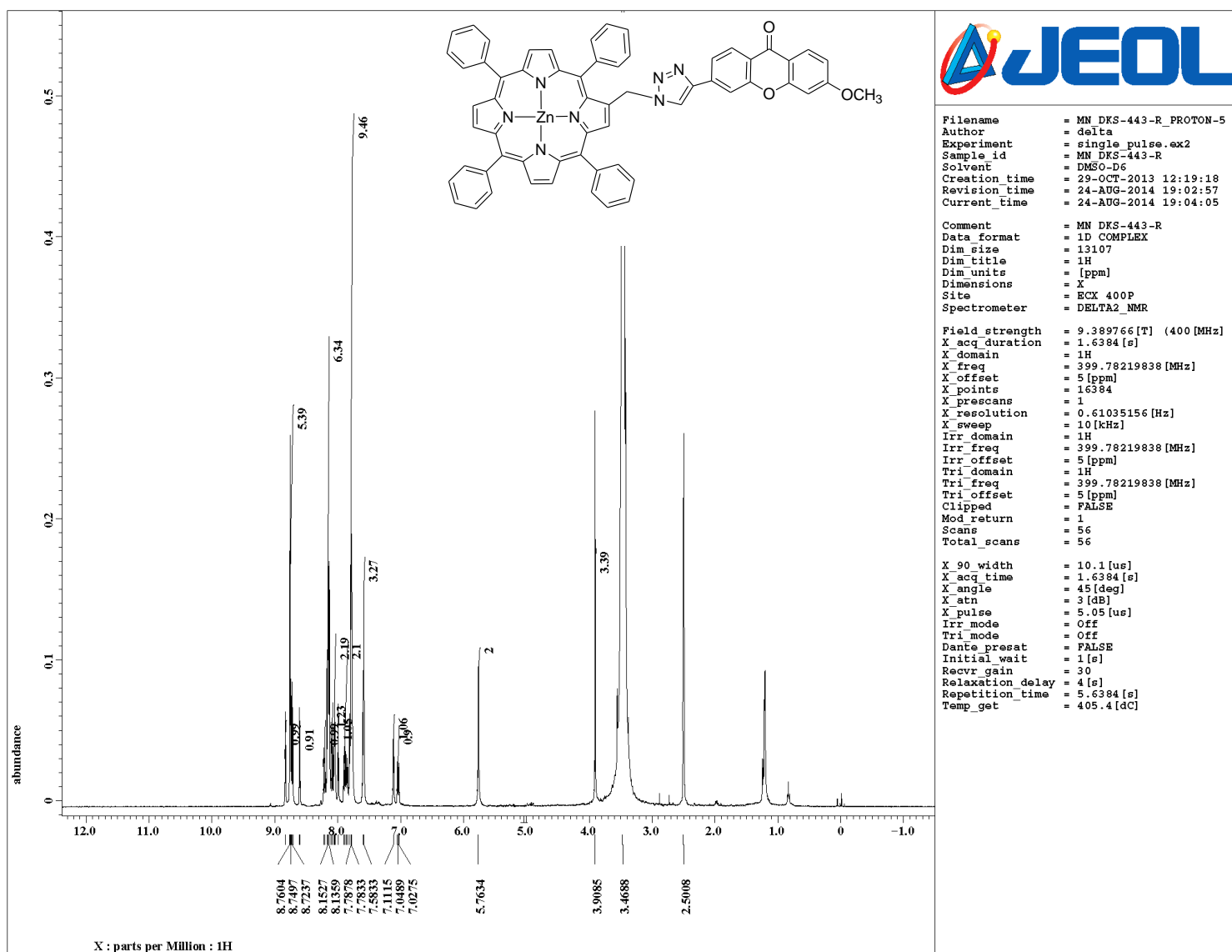
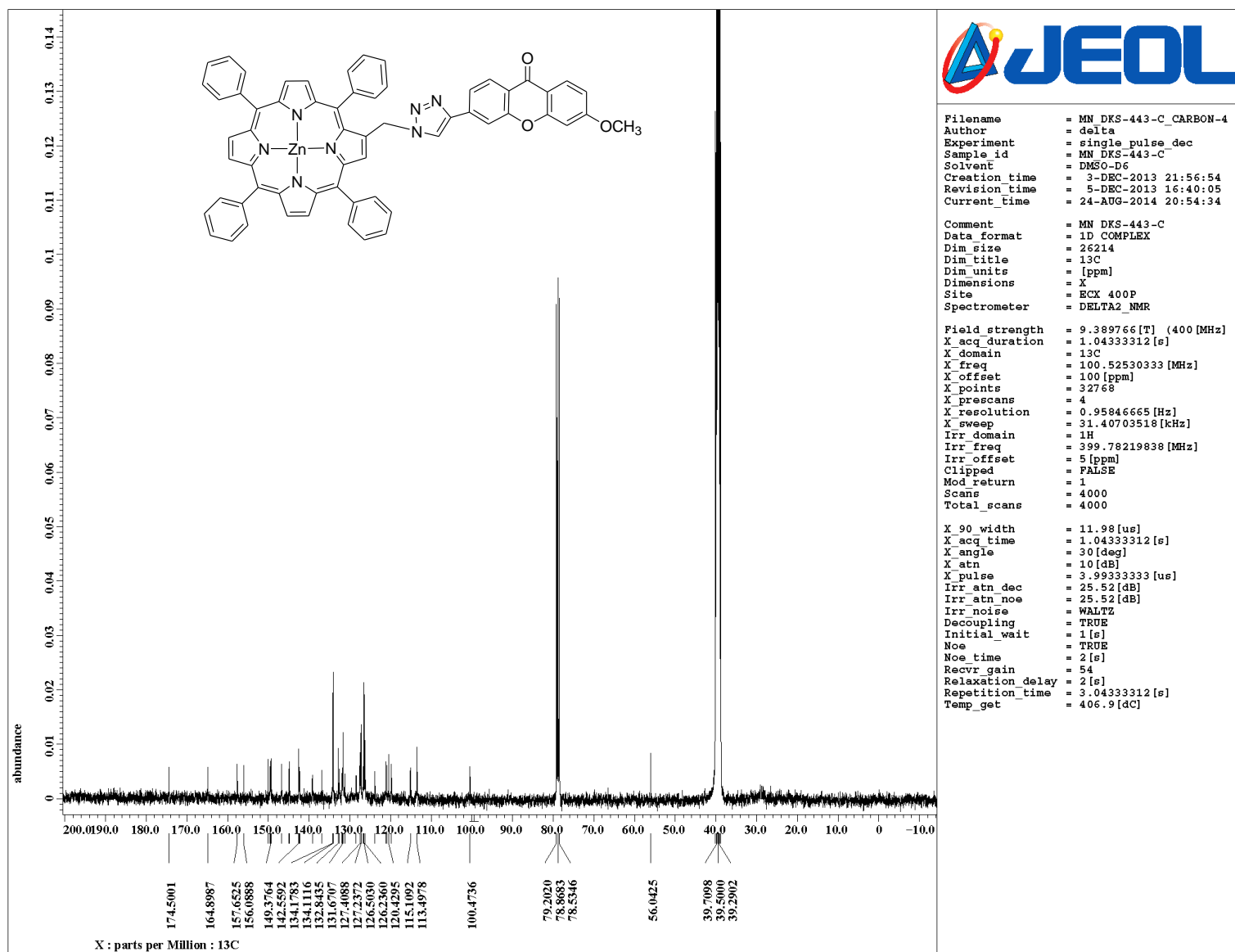


Figure S21: ^1H NMR spectrum of compound 7c in $\text{DMSO}-d_6$.



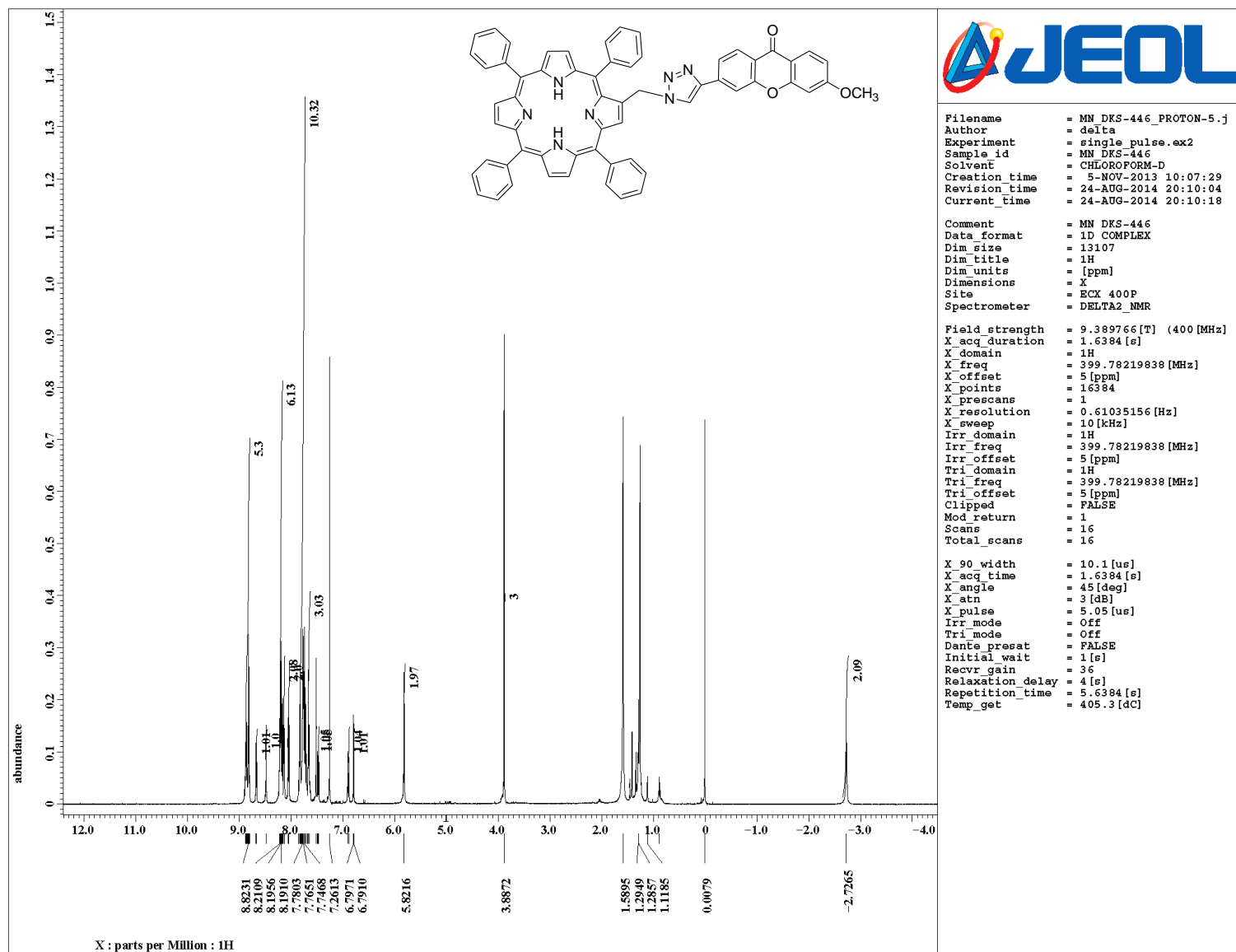


Figure S23: ^1H NMR spectrum of compound **7d** in CDCl_3 .

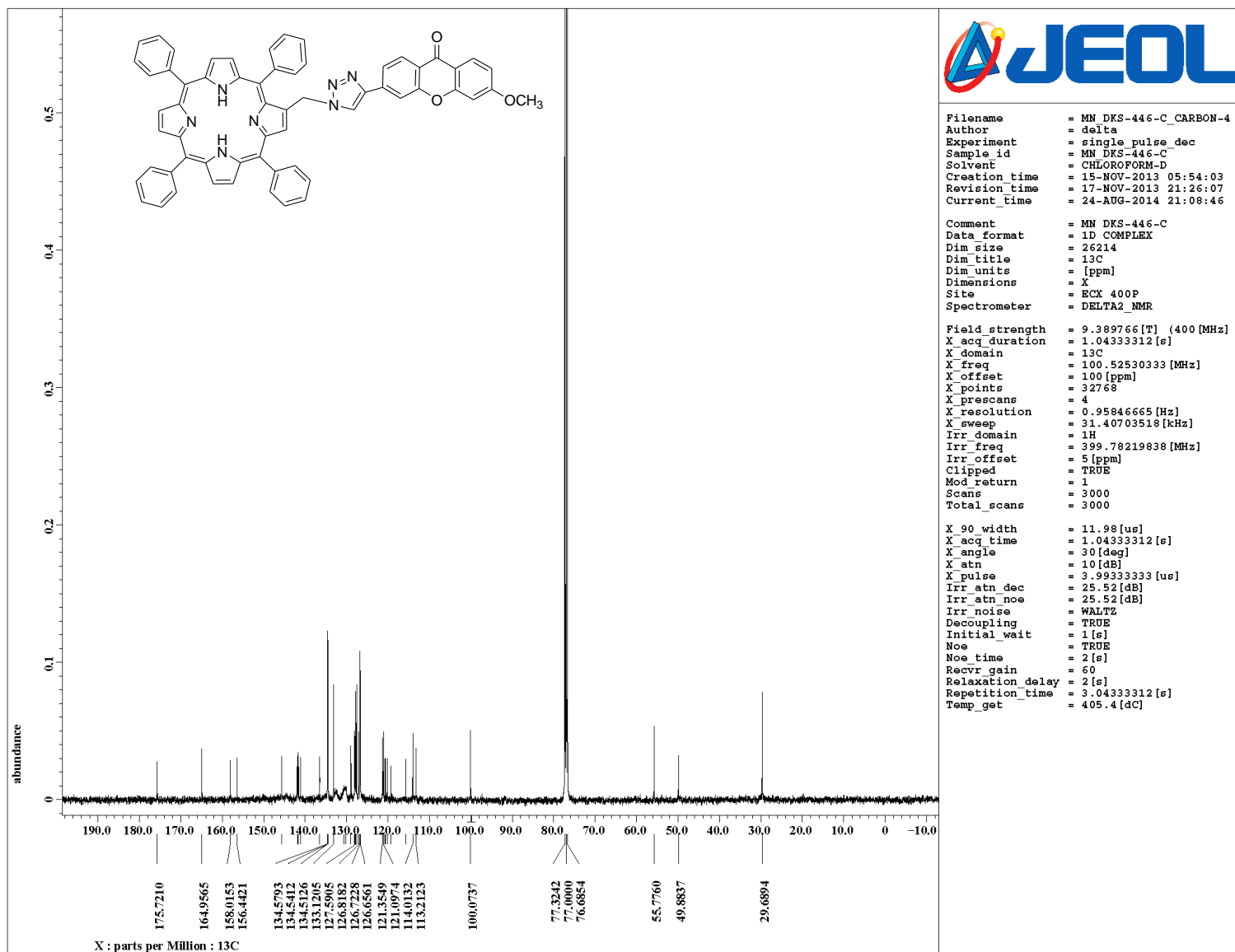


Figure S24: ^{13}C NMR spectrum of compound **7d** in CDCl_3 .

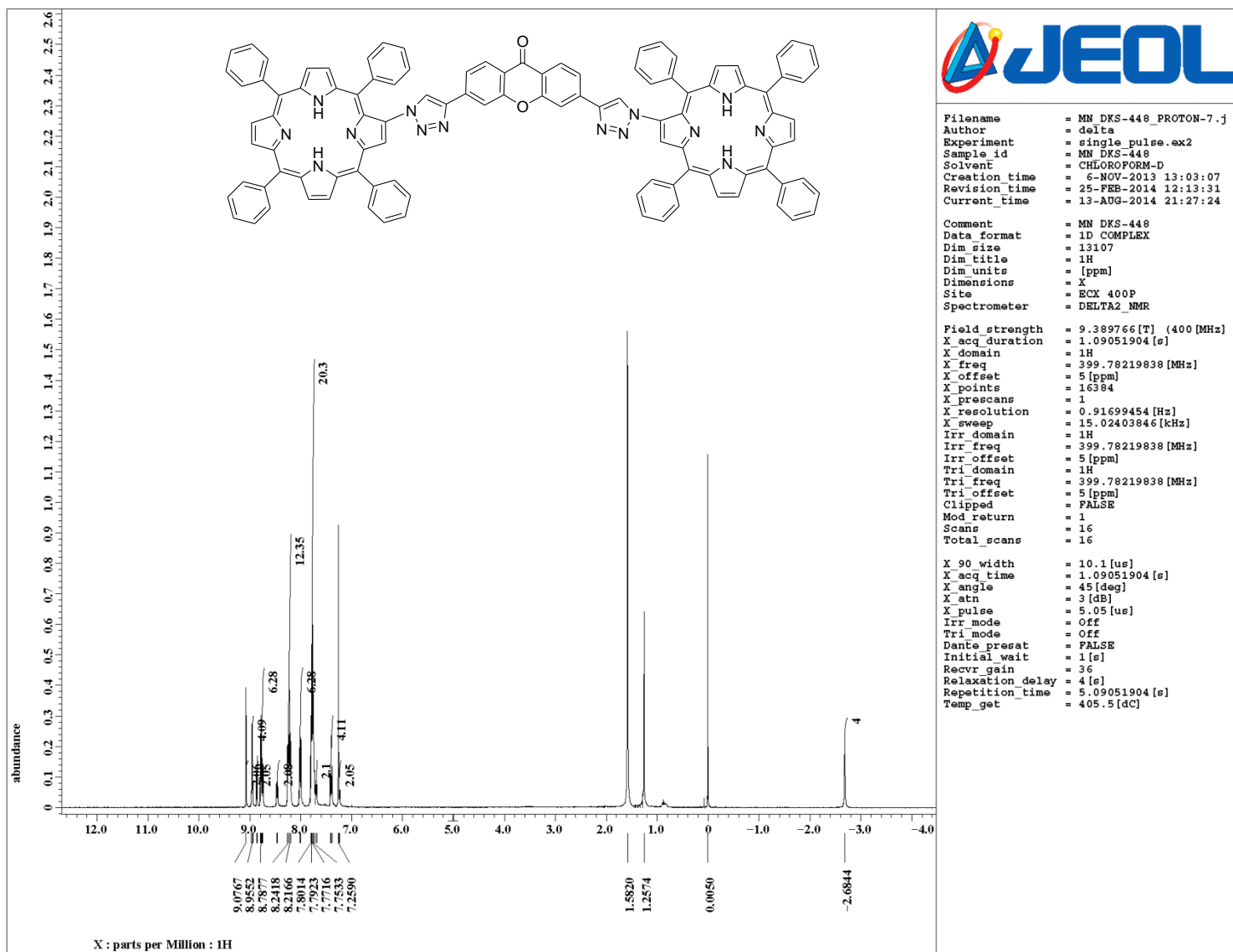


Figure S25: ¹H NMR spectrum of compound **12b** in CDCl₃.

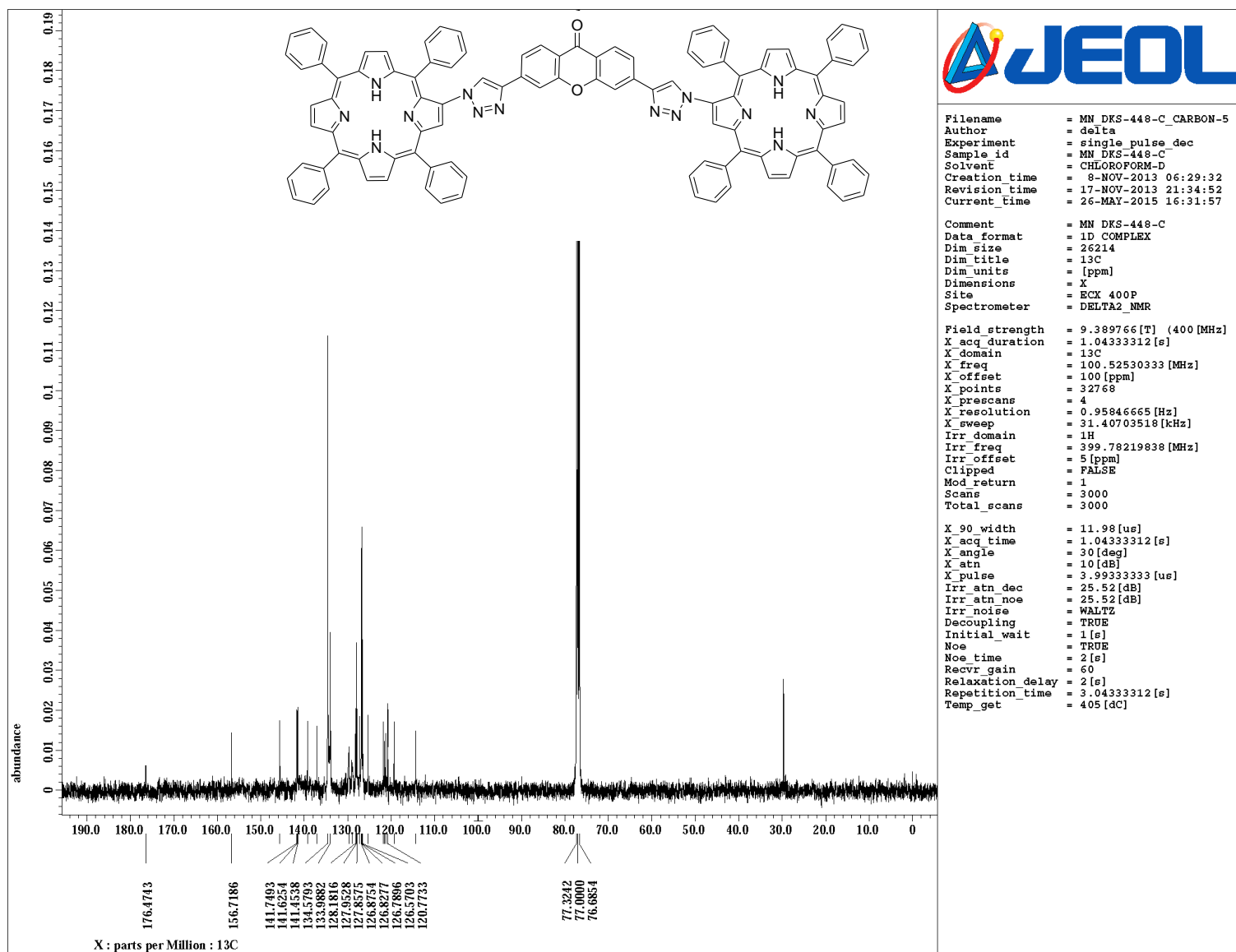


Figure S26: ^{13}C NMR spectrum of compound **12b** in CDCl_3 .

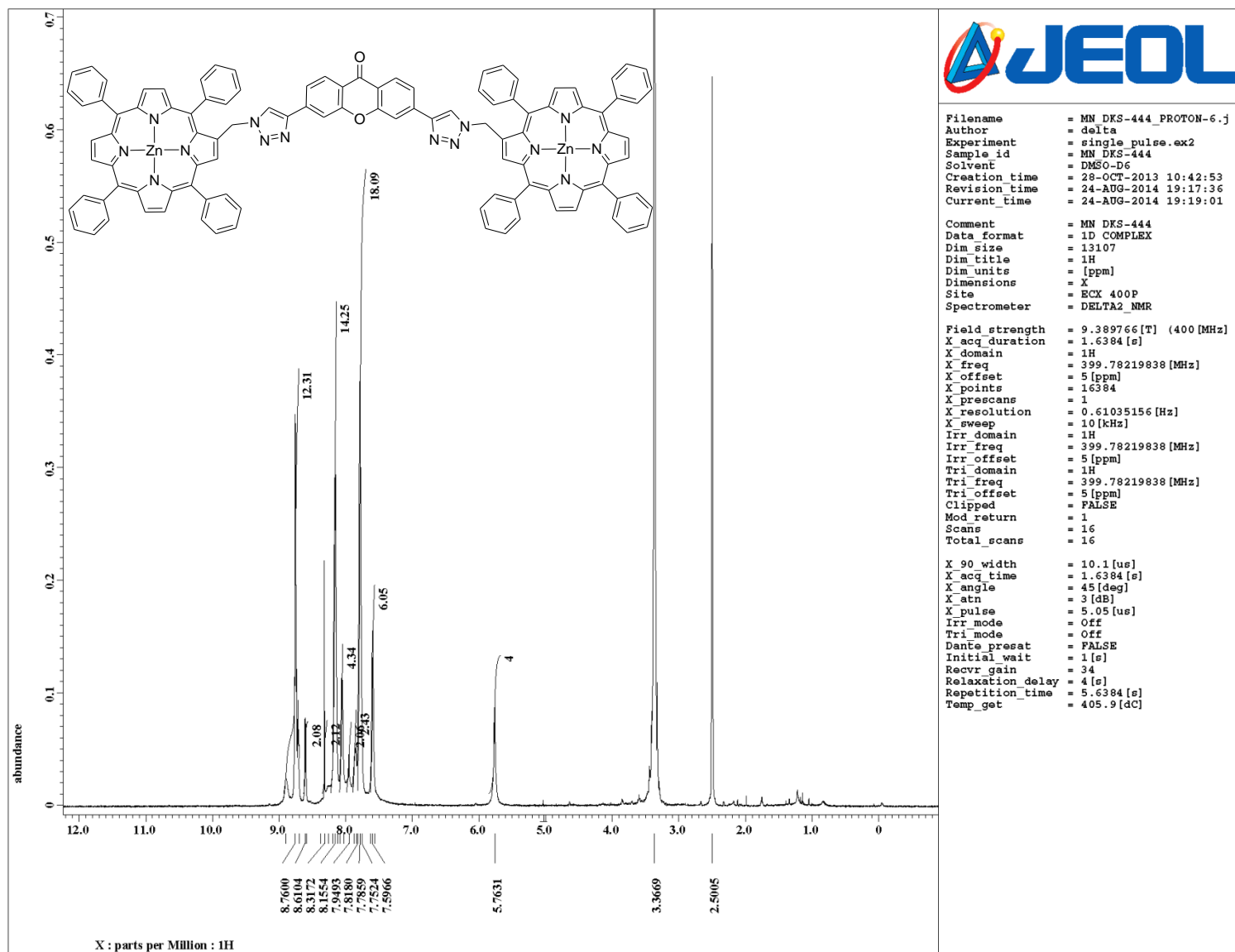
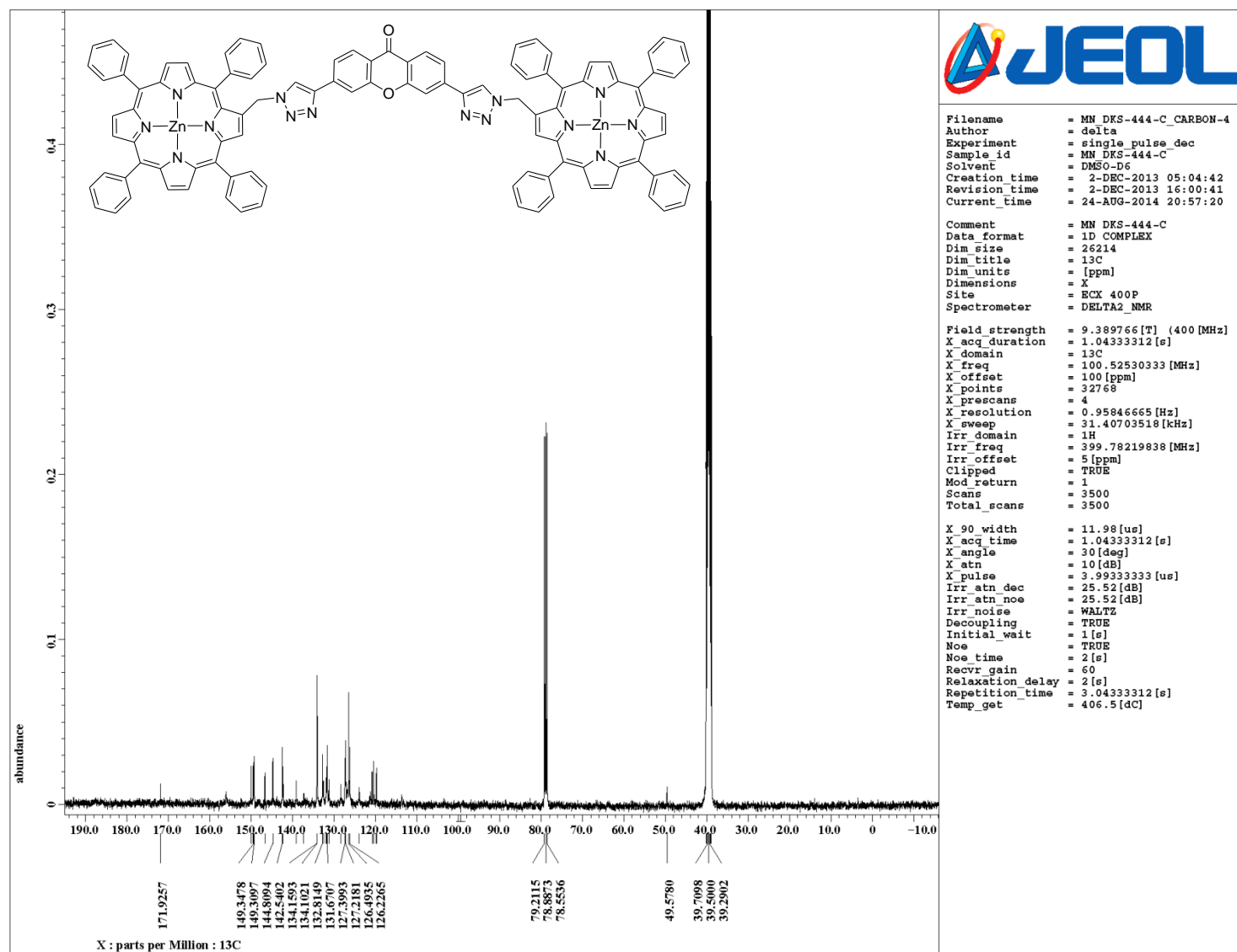


Figure S27: ^1H NMR spectrum of compound **13a** in $\text{DMSO}-d_6$.



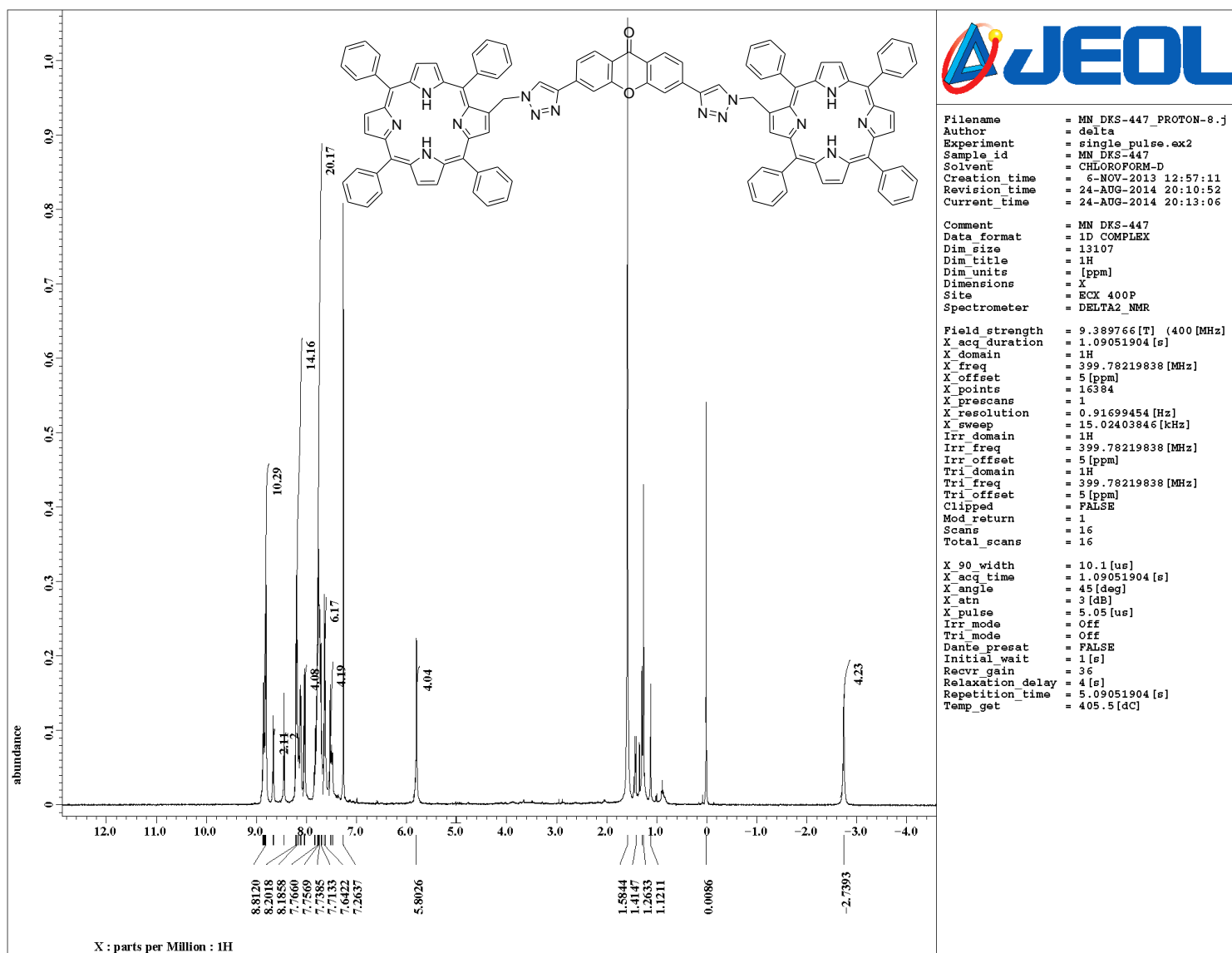


Figure S29: ^1H NMR spectrum of compound **13b** in CDCl_3 .

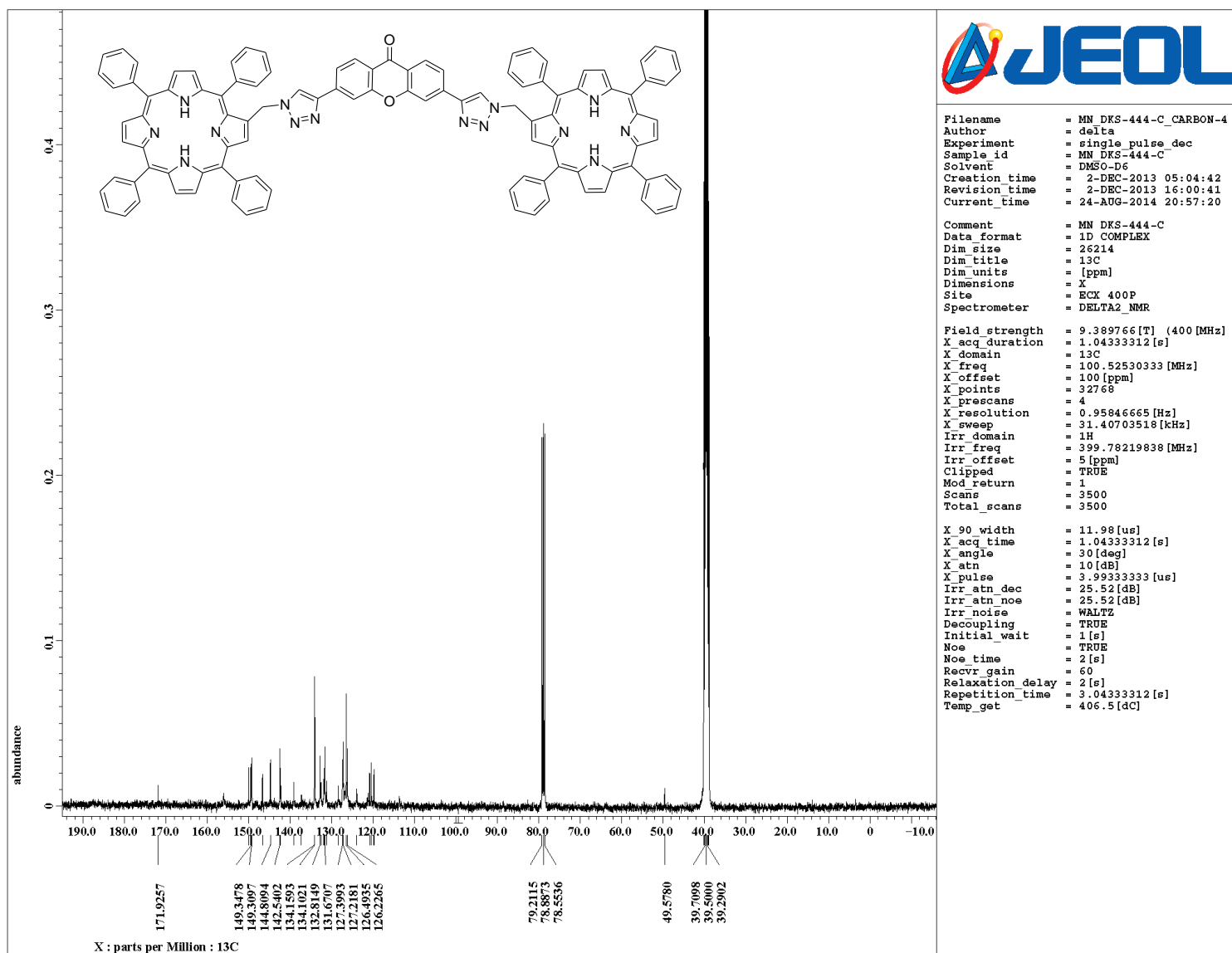


Figure S30: ¹³C NMR spectrum of compound **13b** in CDCl₃ + DMSO-*d*₆.