Design, synthesis of New Thiazole Derivatives for Alzheimer Disease Therapy as a Potential Cholinesterase Inhibitör; Toxicity prediction and Molecular Docking studies and Biological Evaluation

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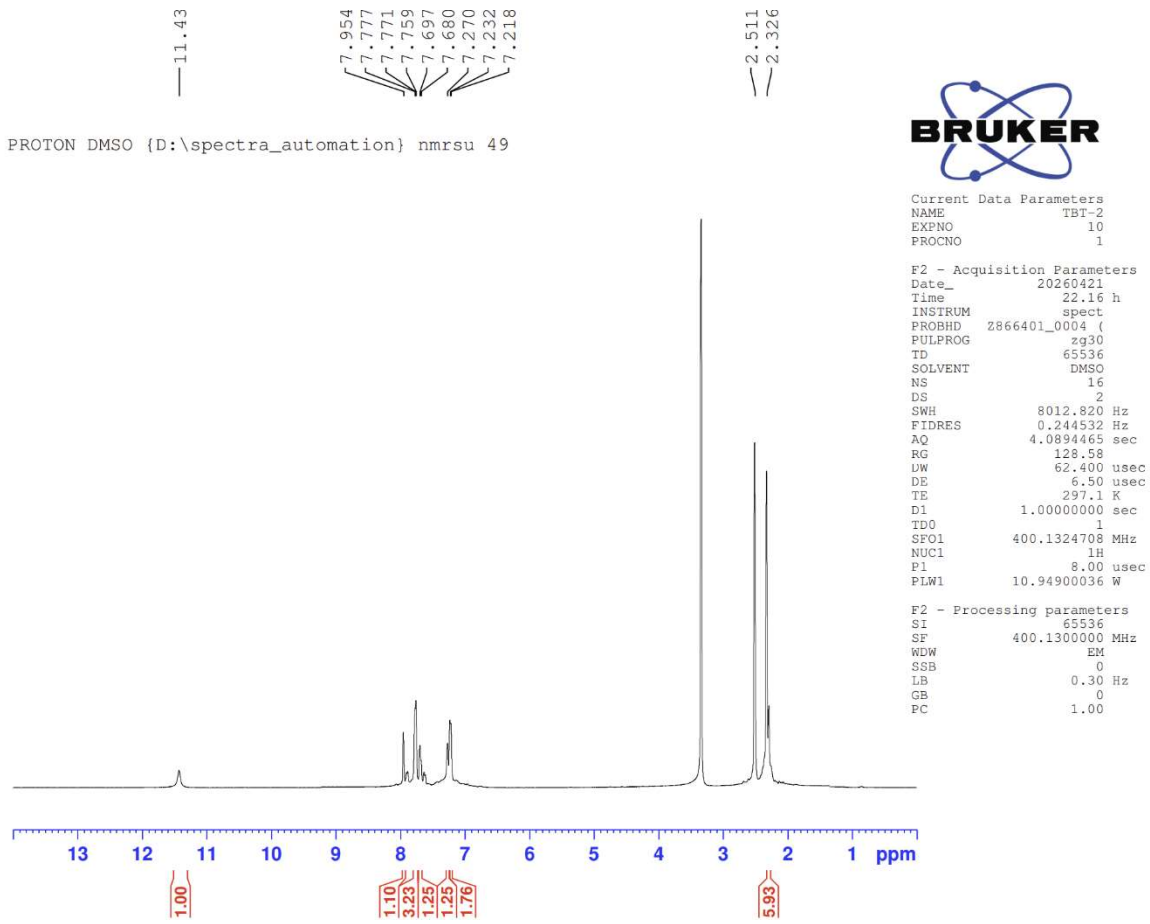


Figure S1. [1]H-NMR spectrum of compound **13**

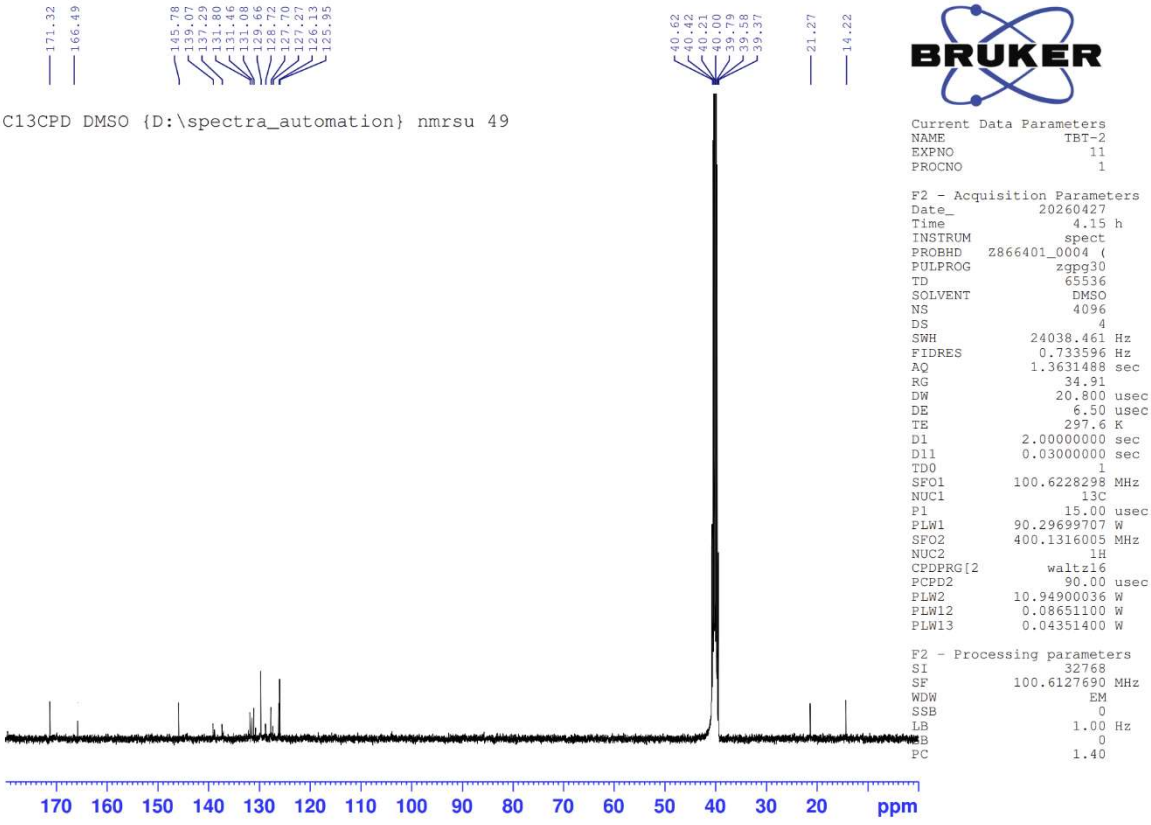


Figure S2. [13]C-NMR spectrum of compound **13**

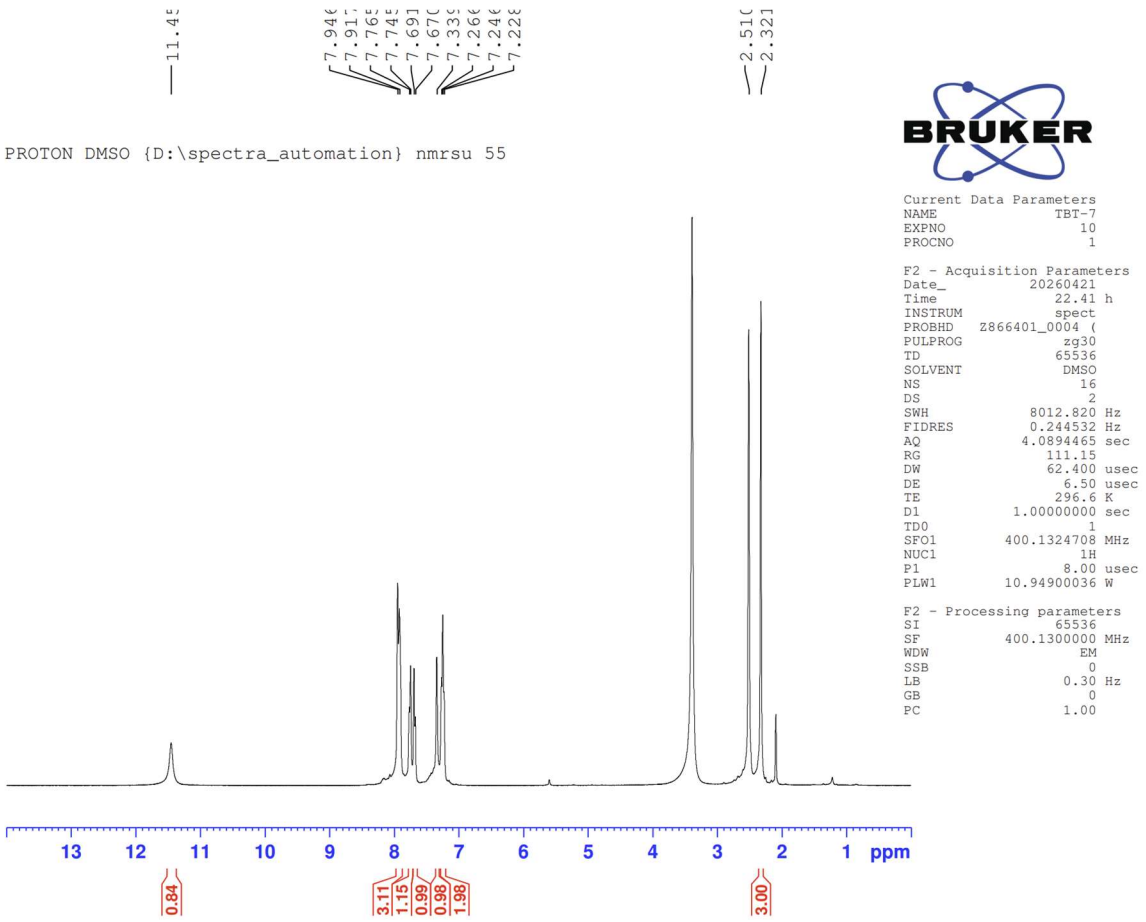


Figure S3. [1]H-NMR spectrum of compound **14**

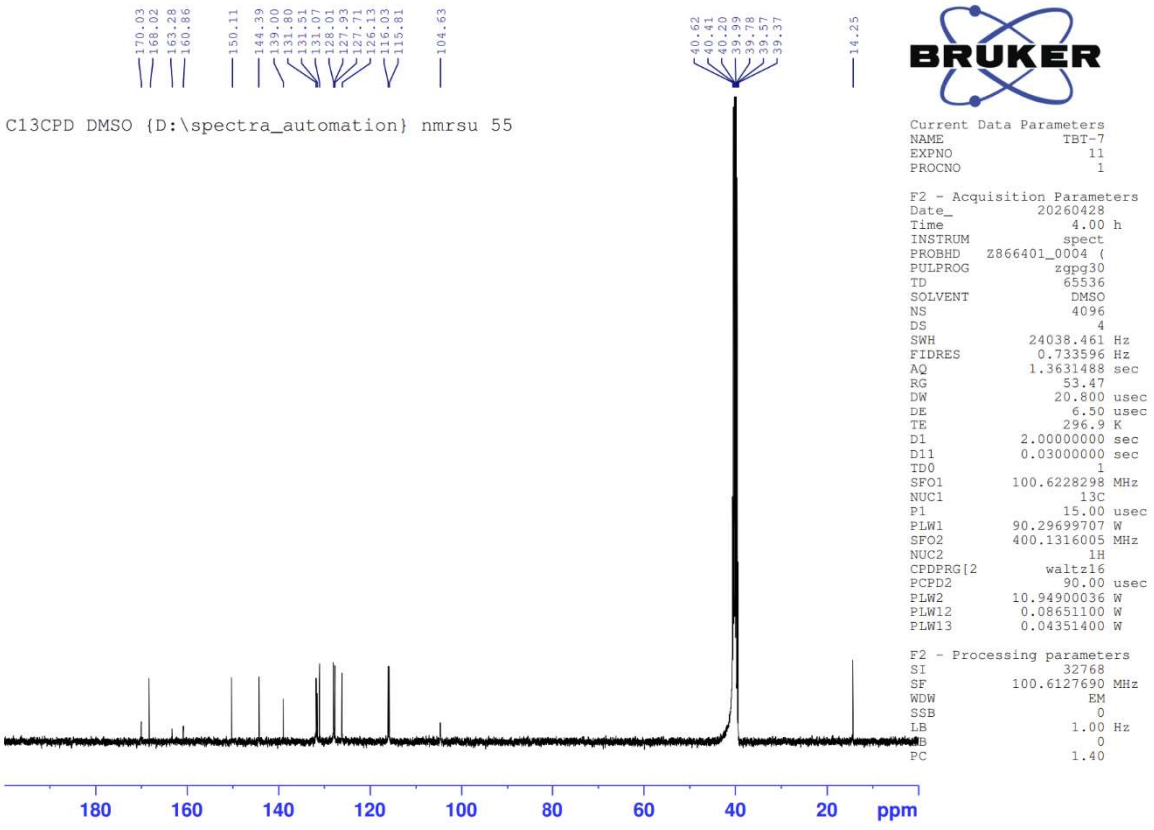


Figure S4. [13]C-NMR spectrum of compound **14**

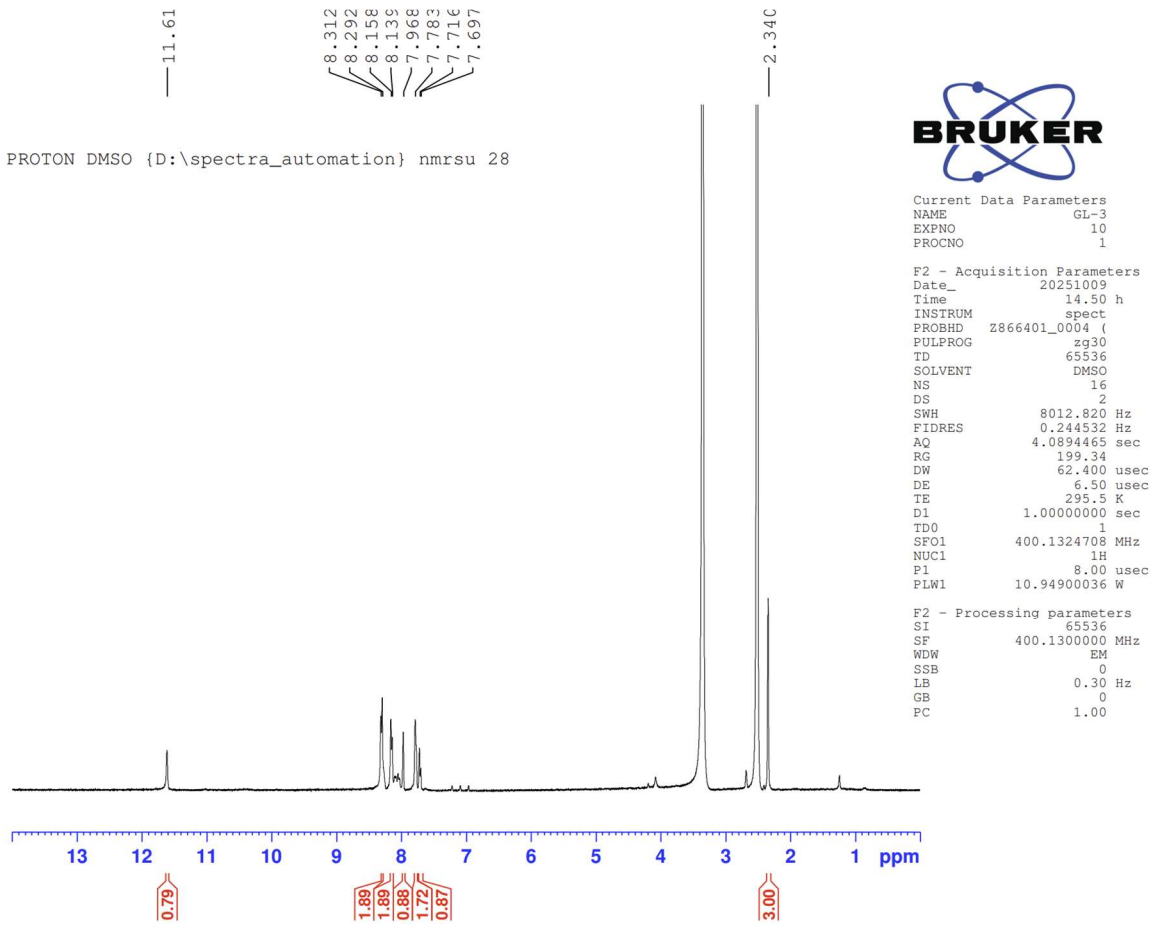


Figure S5. ^{1}H-NMR spectrum of compound **15**

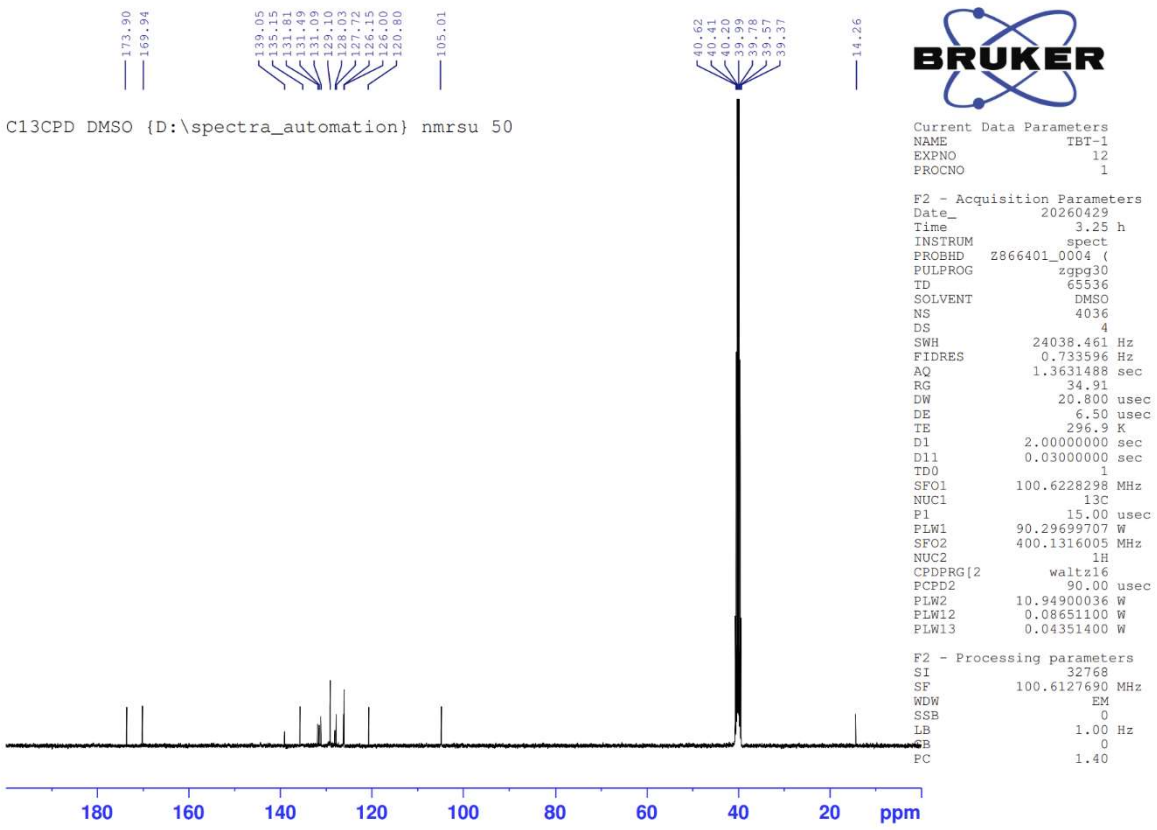


Figure S6. ^{13}C-NMR spectrum of compound **15**

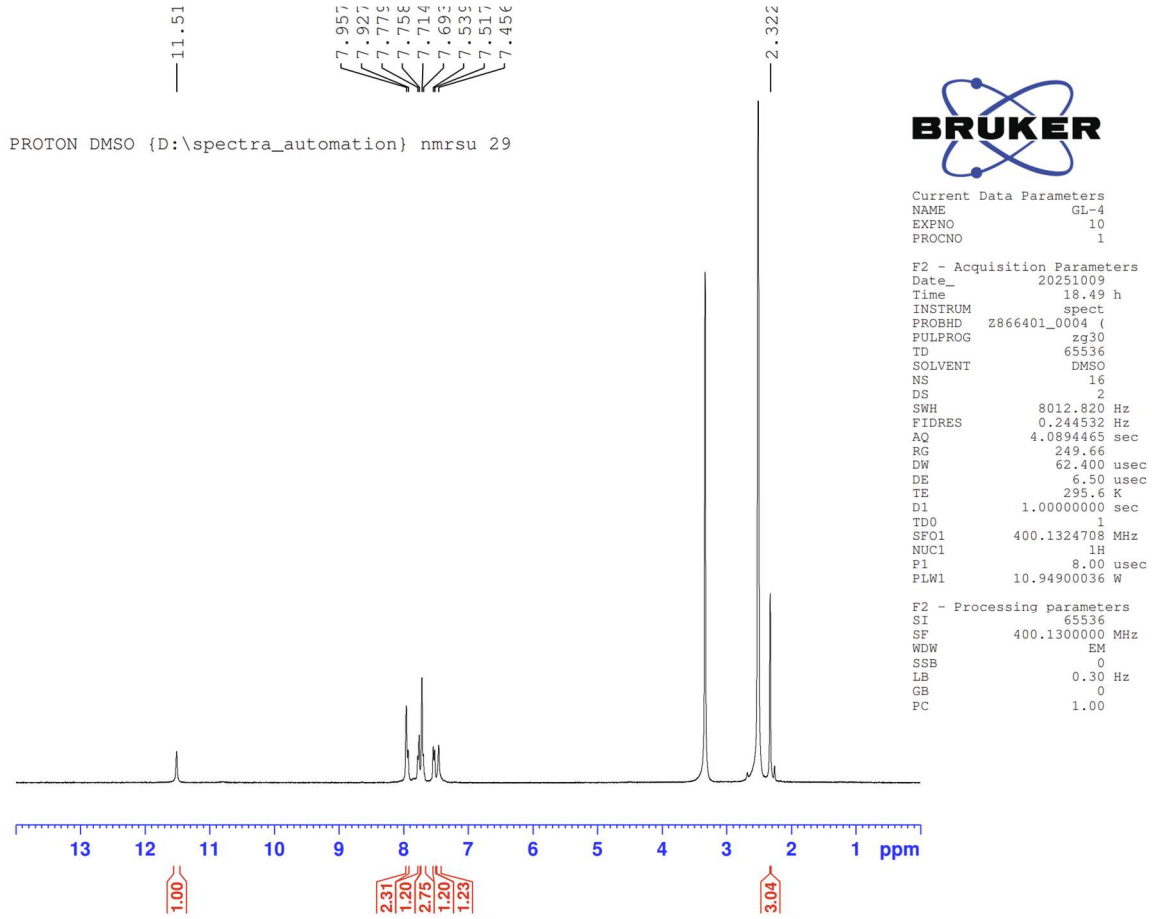


Figure S7. [1]H-NMR spectrum of compound **16**

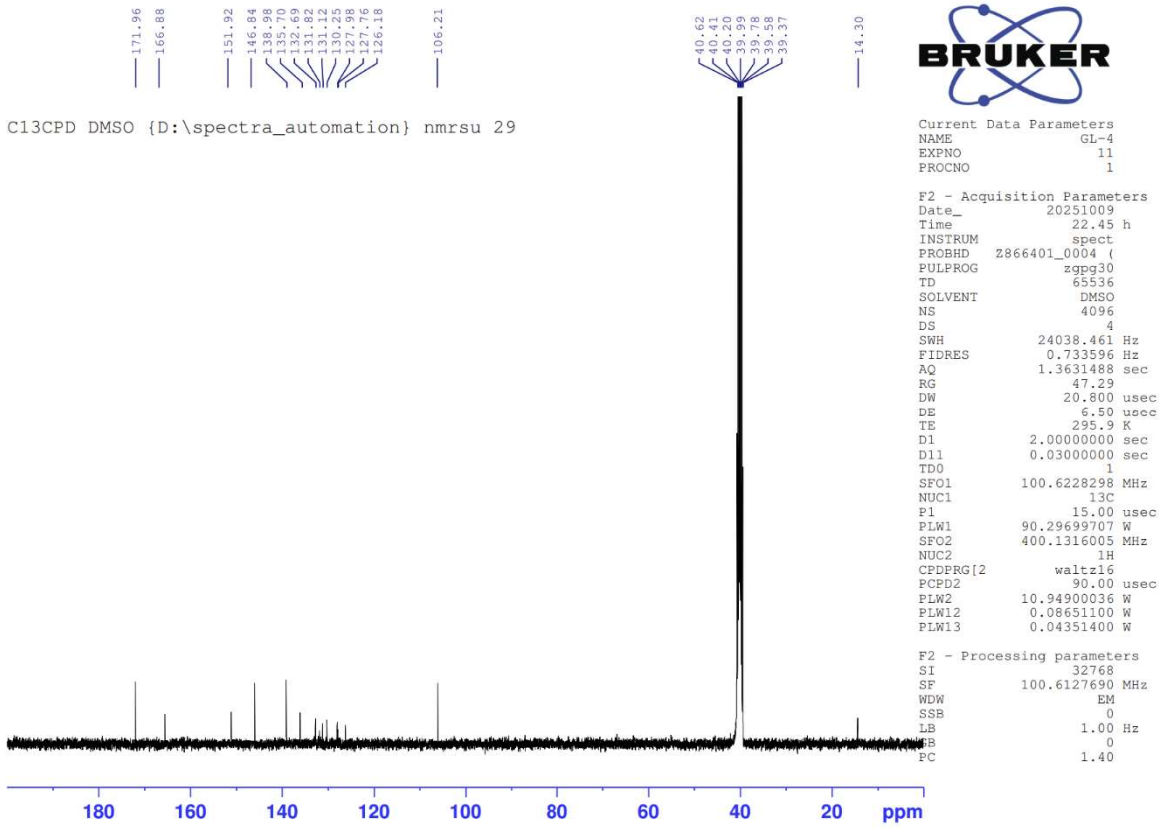


Figure S8. [13]C-NMR spectrum of compound **16**

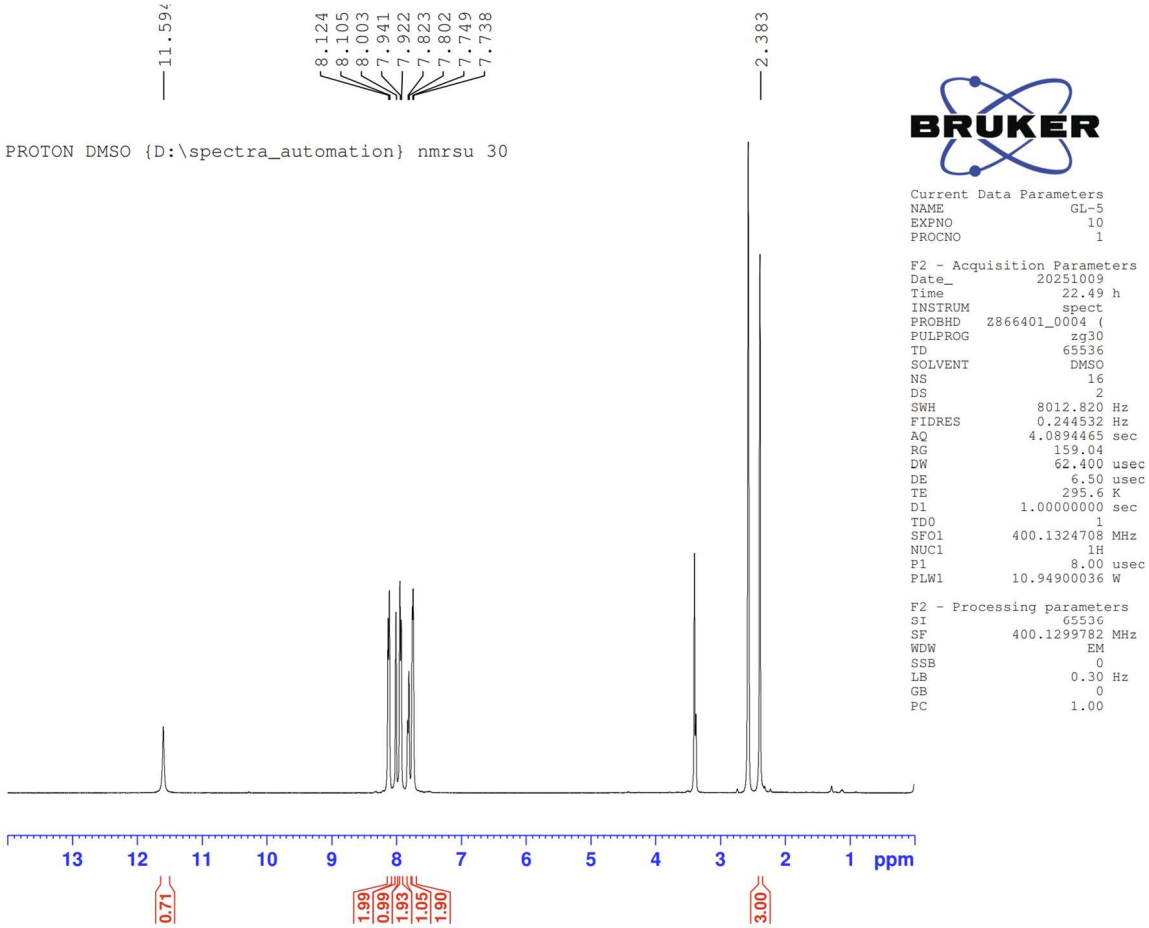


Figure S9. [1]H-NMR spectrum of compound **17**

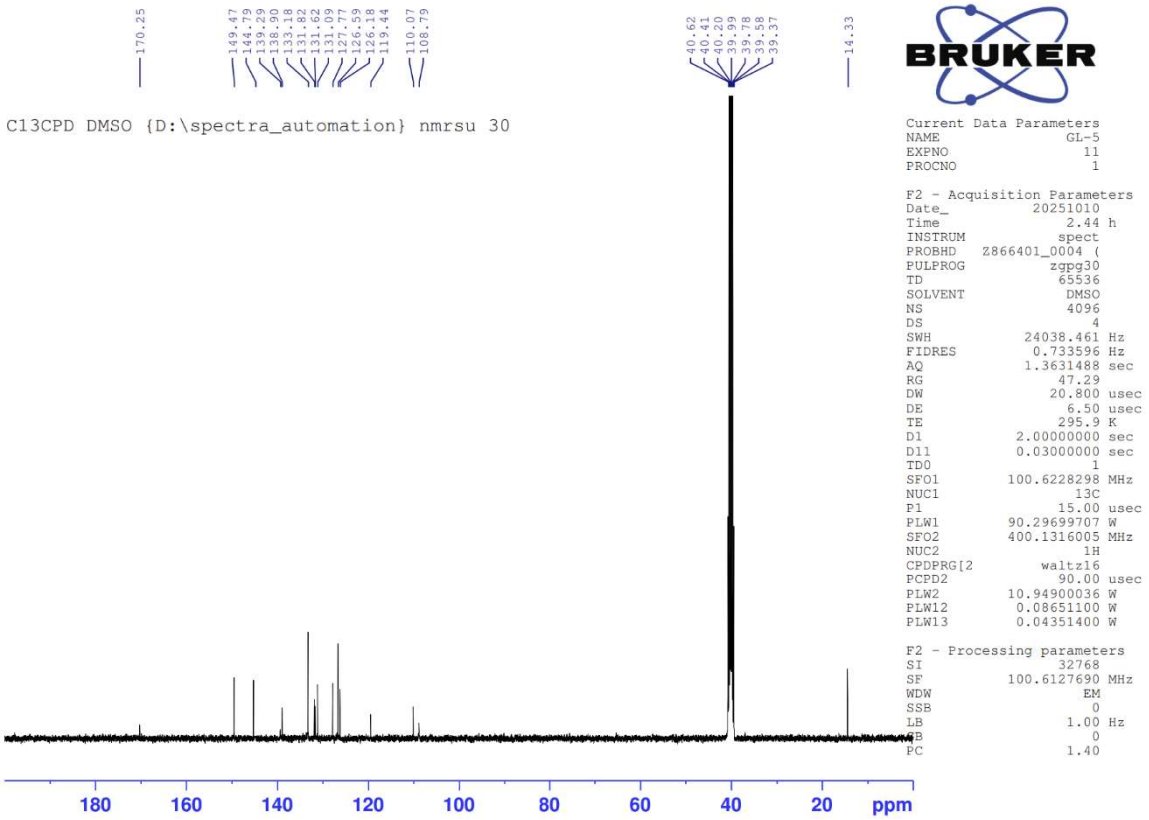


Figure S10. [13]C-NMR spectrum of compound **17**

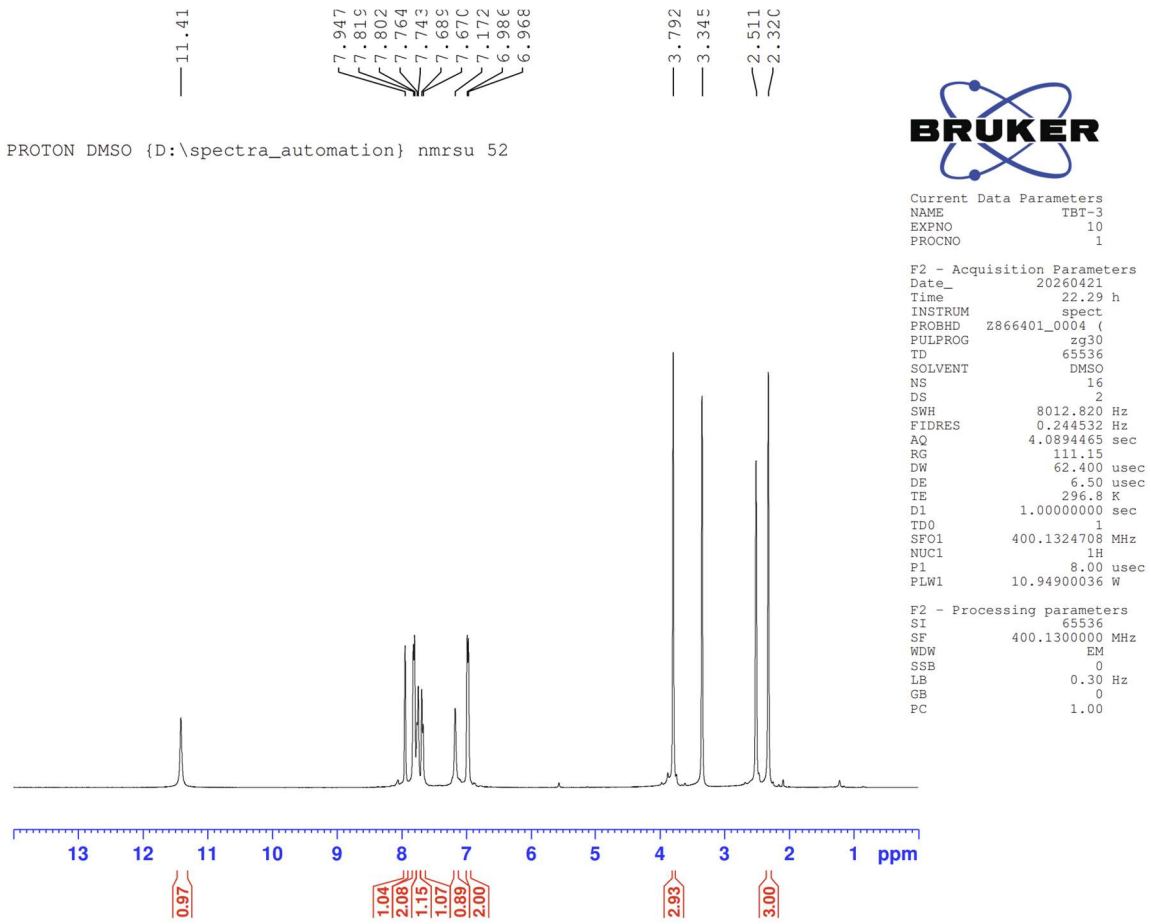


Figure S11. [1]H-NMR spectrum of compound **18**

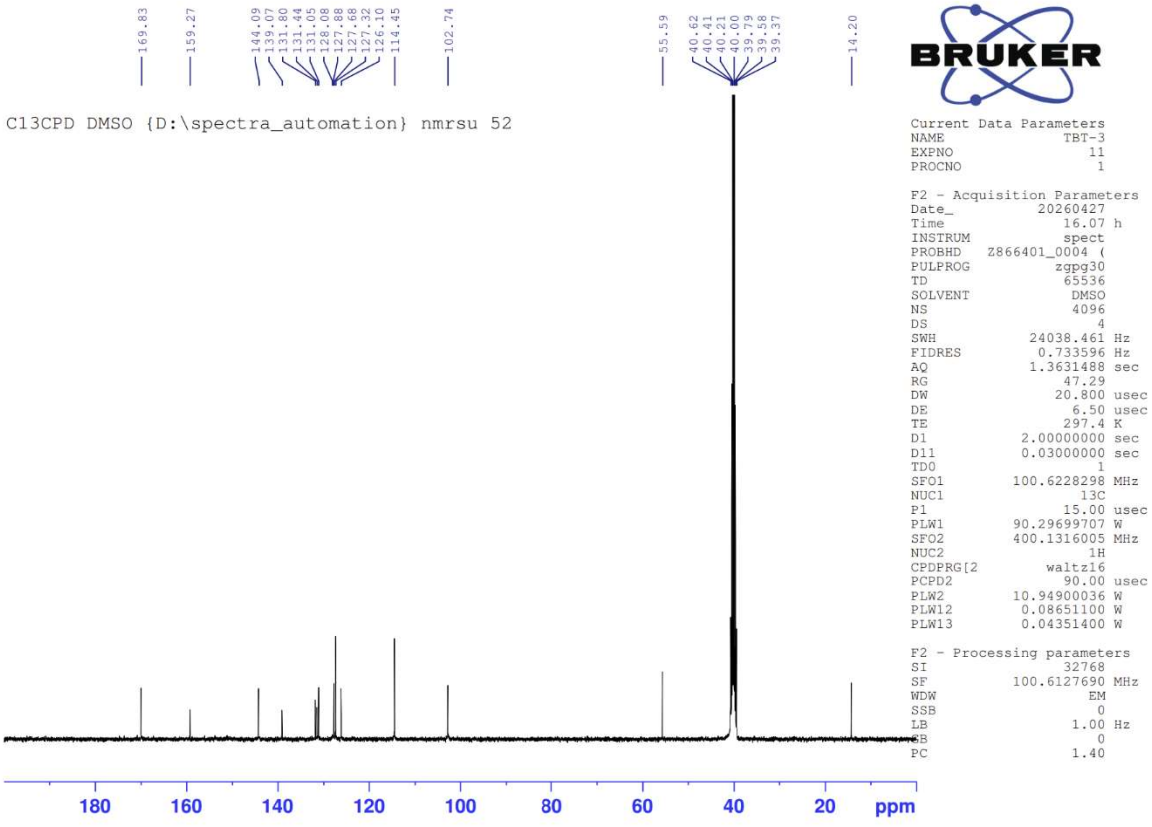


Figure S12. [13]C-NMR spectrum of compound **18**

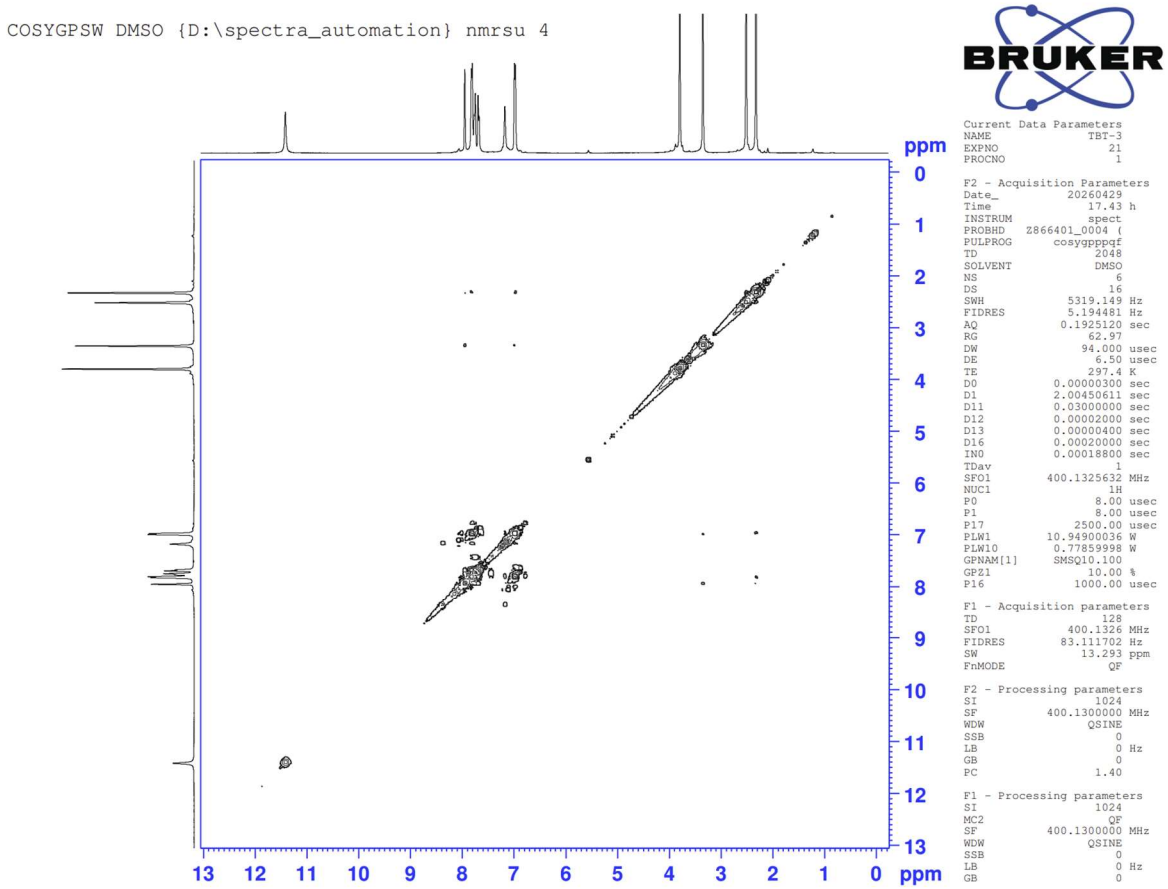


Figure S13. COSY spectrum of compound **18**

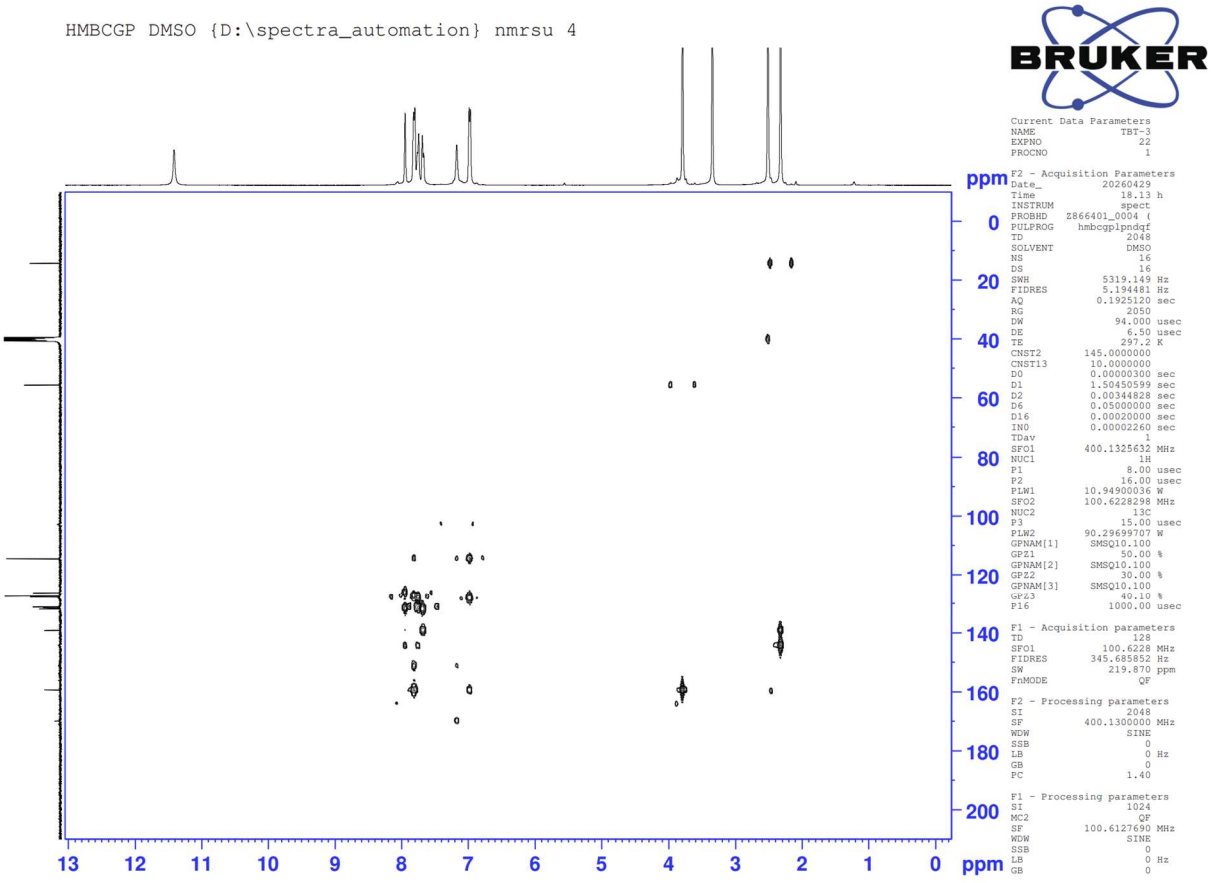


Figure S14. HMBC spectrum of compound **18**

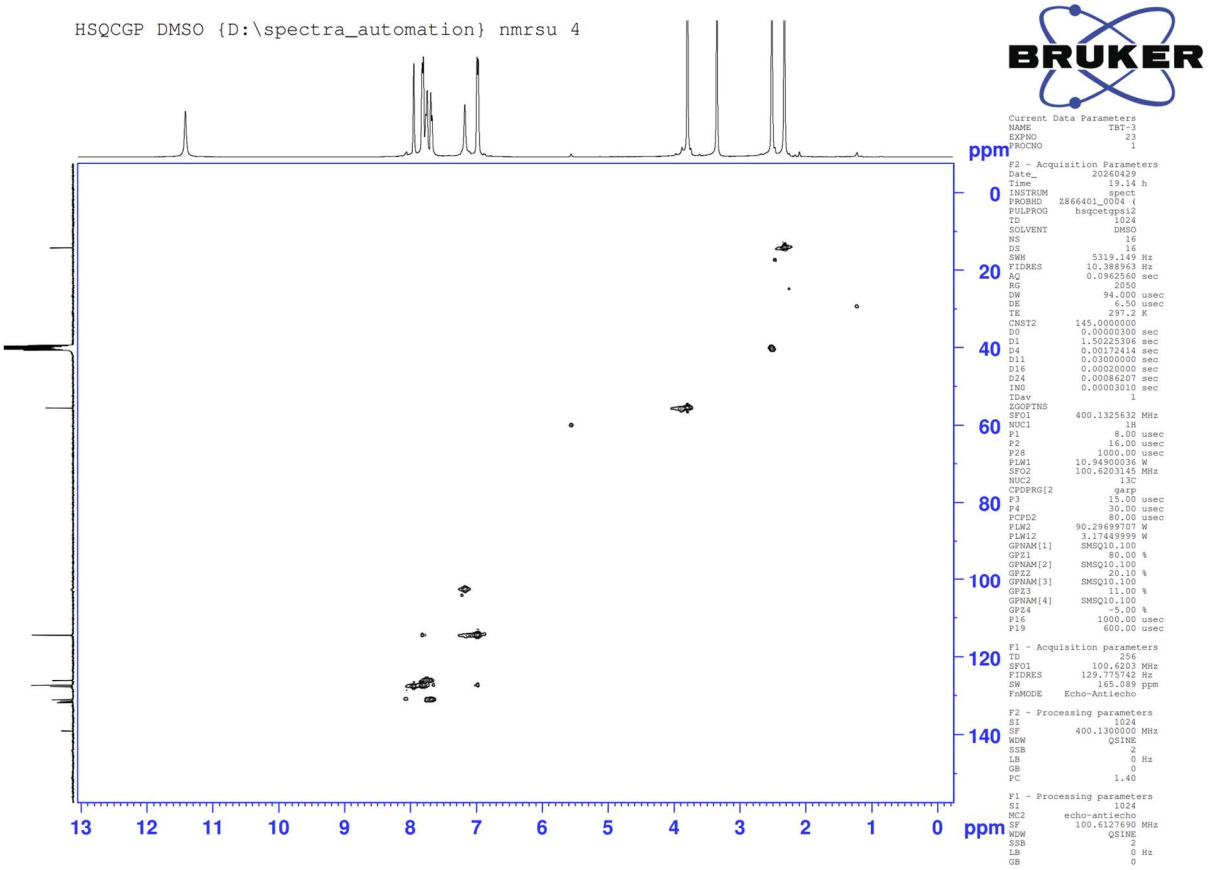


Figure S15. HSQC spectrum of compound **18**

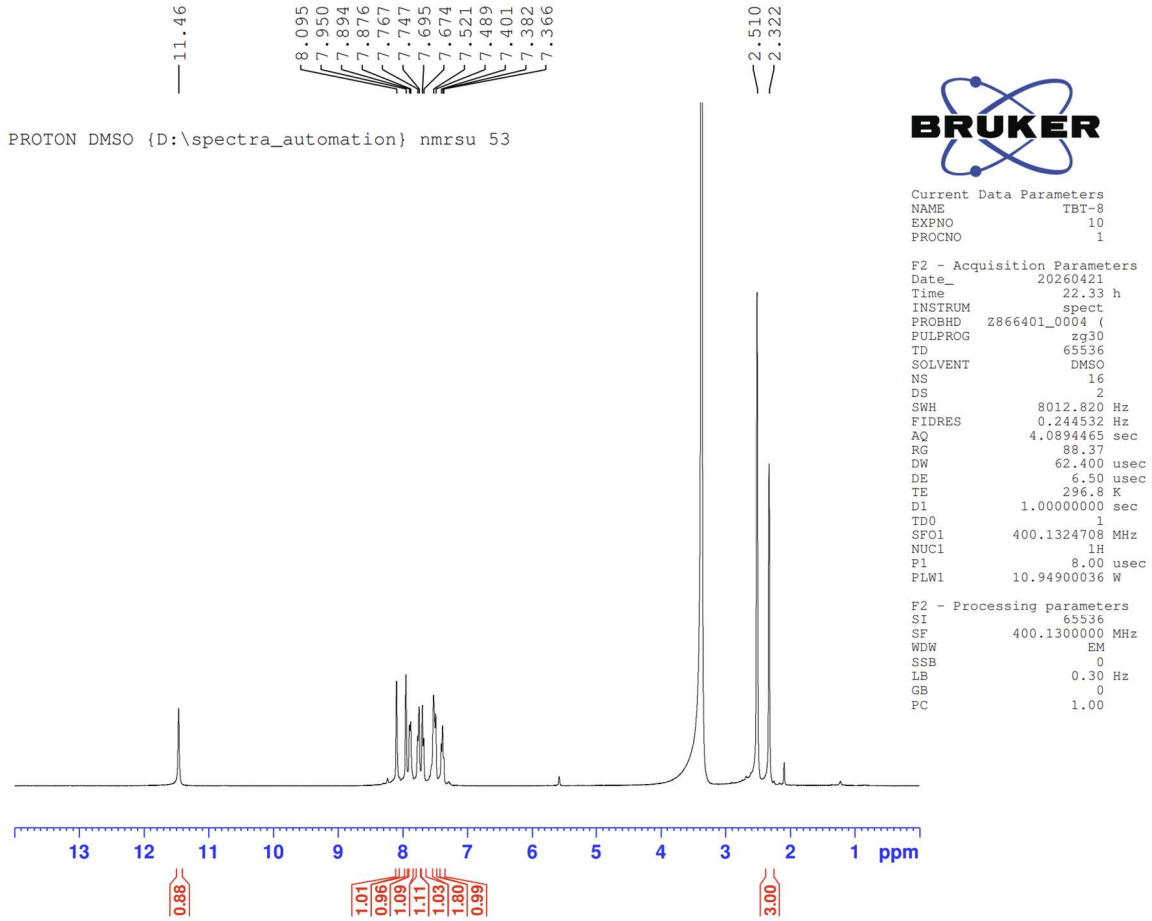


Figure S16. [1]H-NMR spectrum of compound **19**

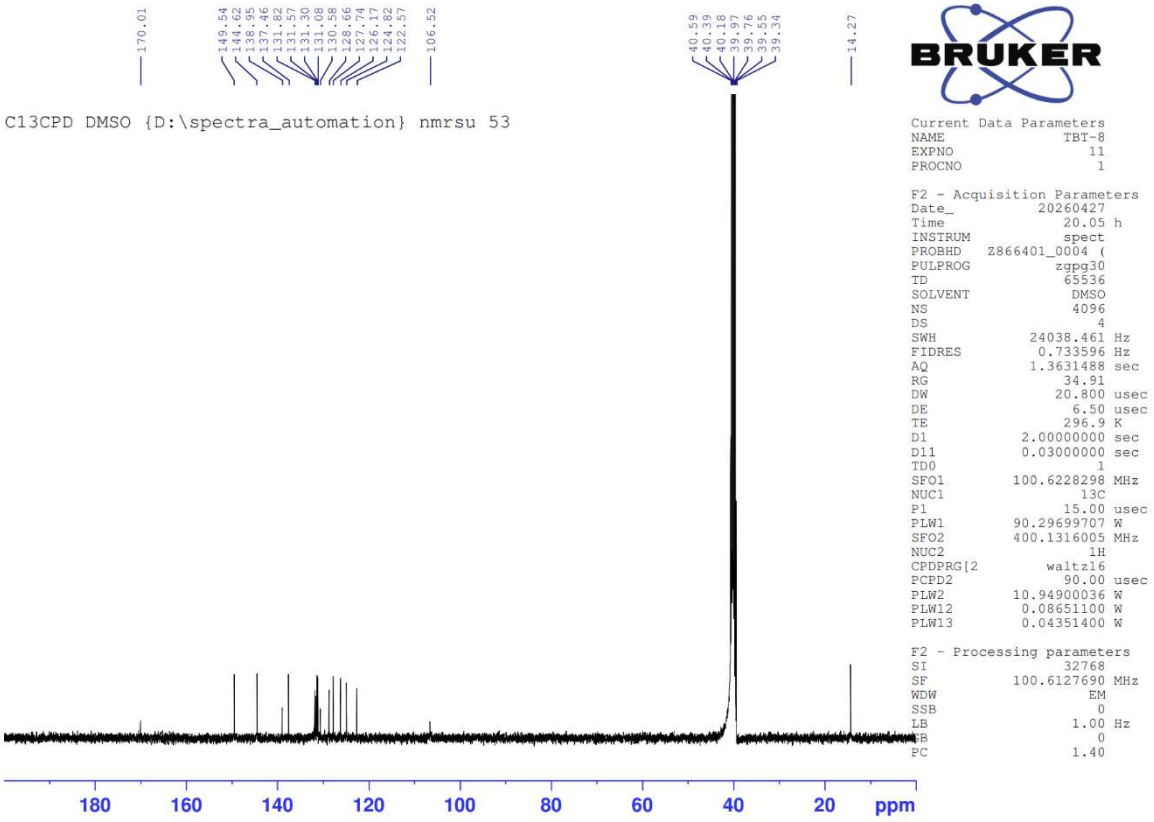


Figure S17. [13]C-NMR spectrum of compound **19**

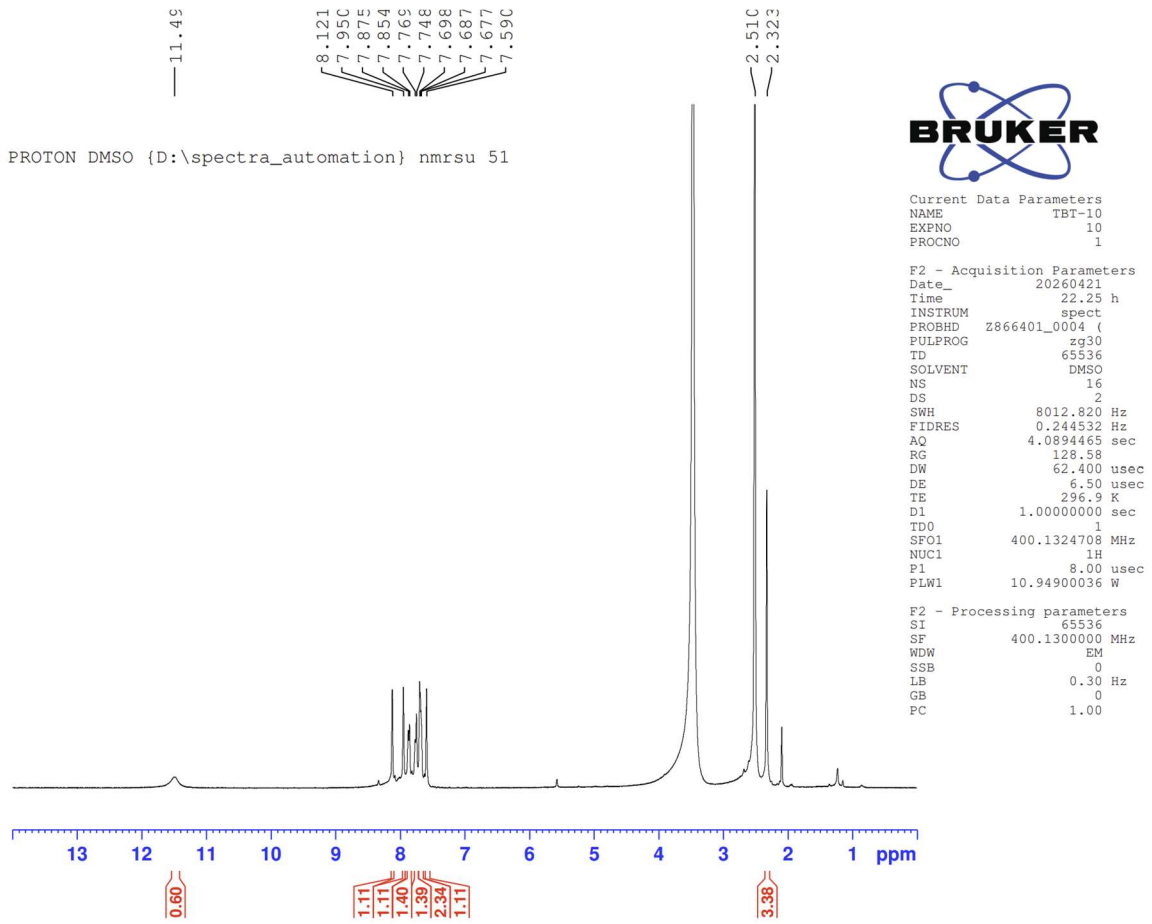


Figure S18. [1]H-NMR spectrum of compound **20**

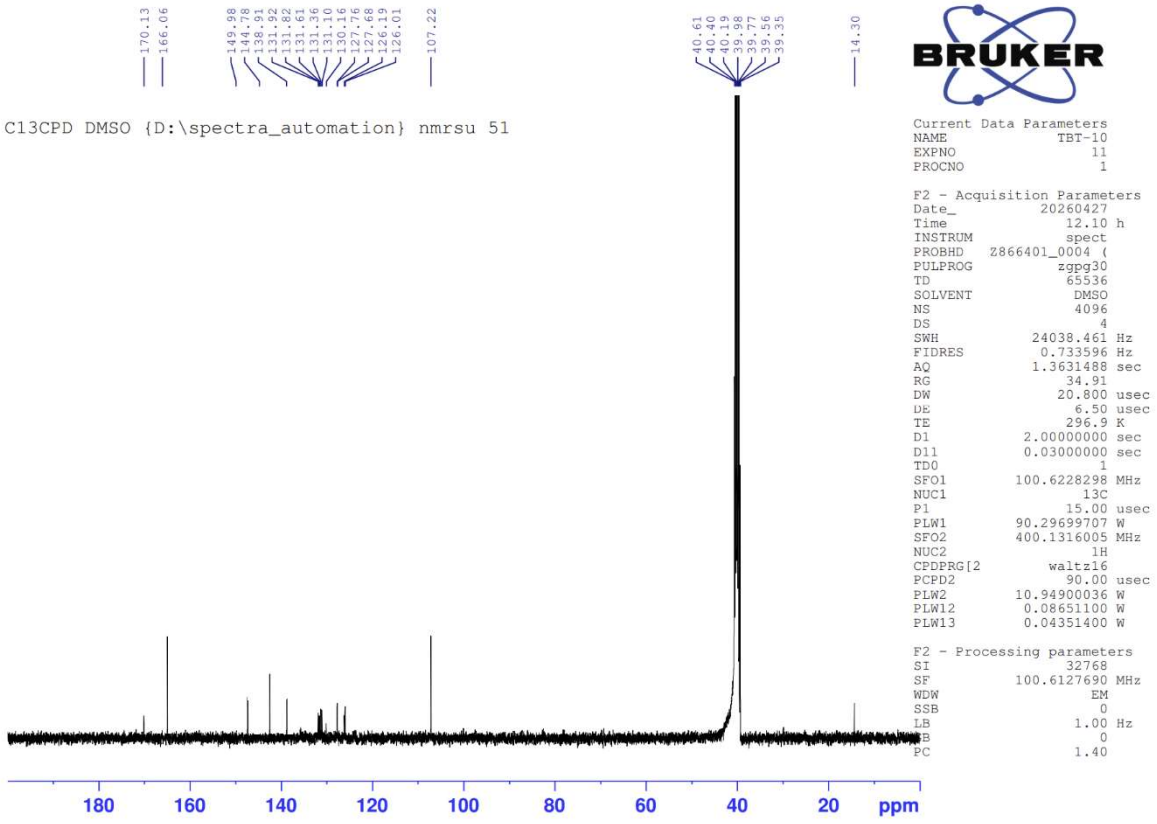


Figure S19. [13]C-NMR spectrum of compound **20**

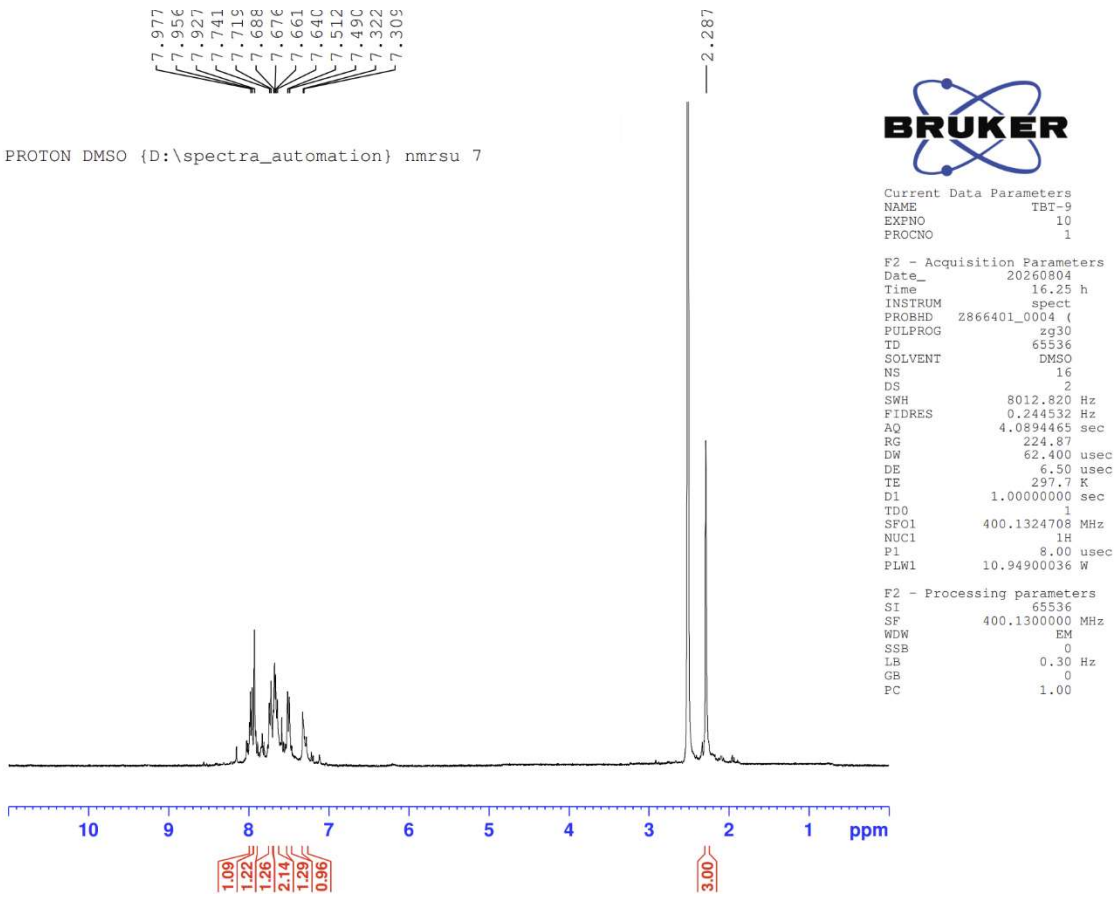


Figure S20. ^{1}H-NMR spectrum of compound **21**

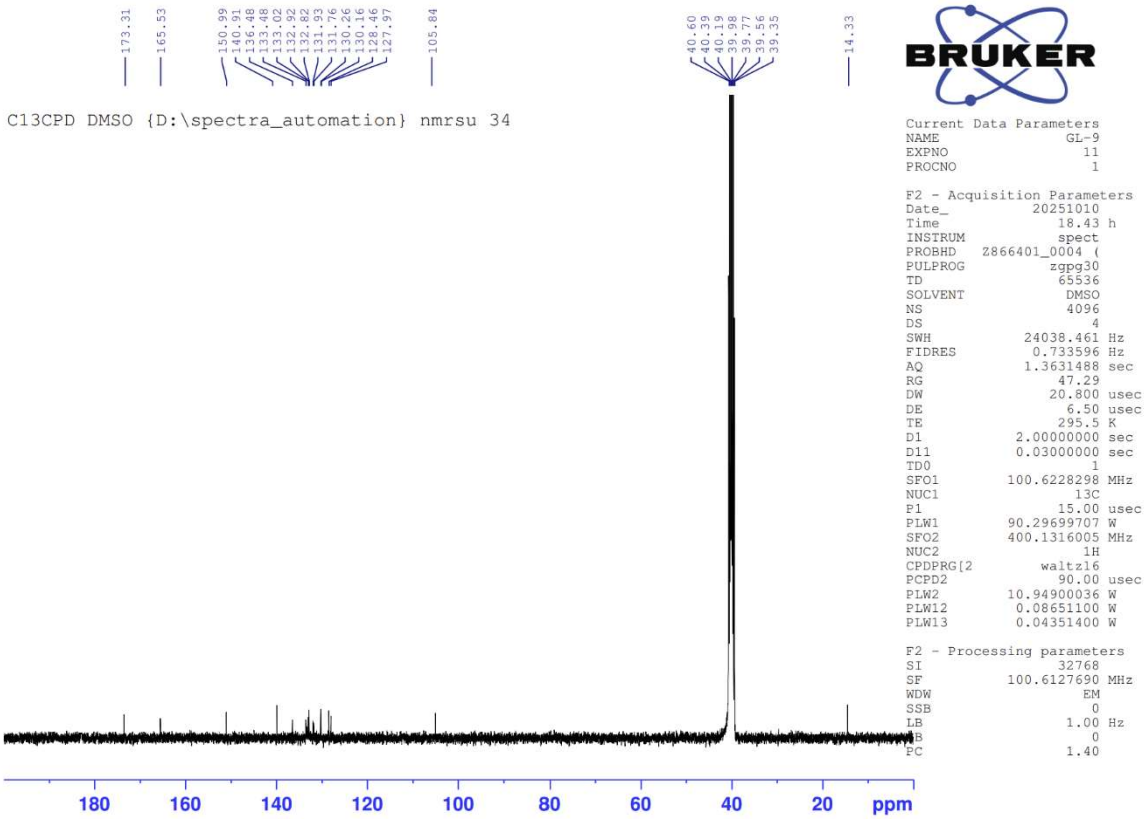


Figure S21. ^{13}C-NMR spectrum of compound **21**

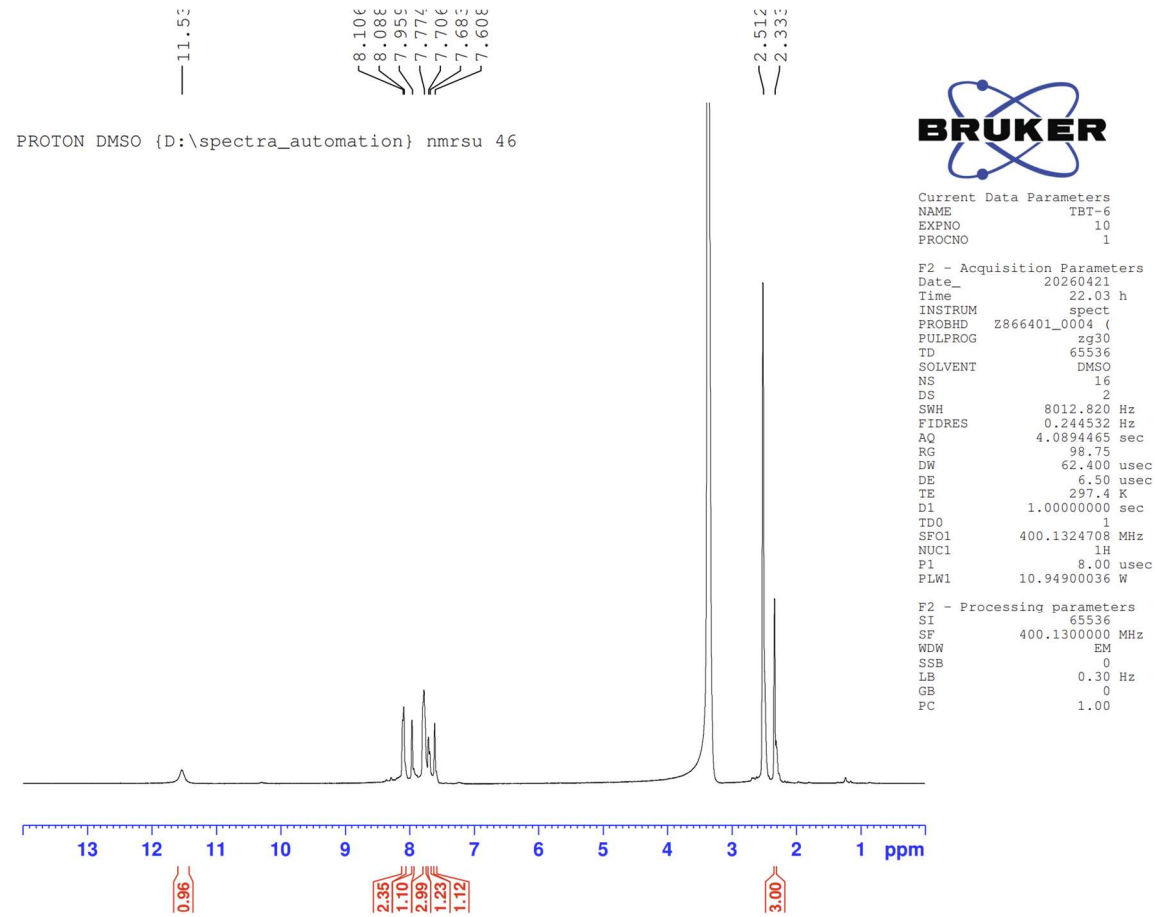


Figure S22. ^{1}H-NMR spectrum of compound **22**

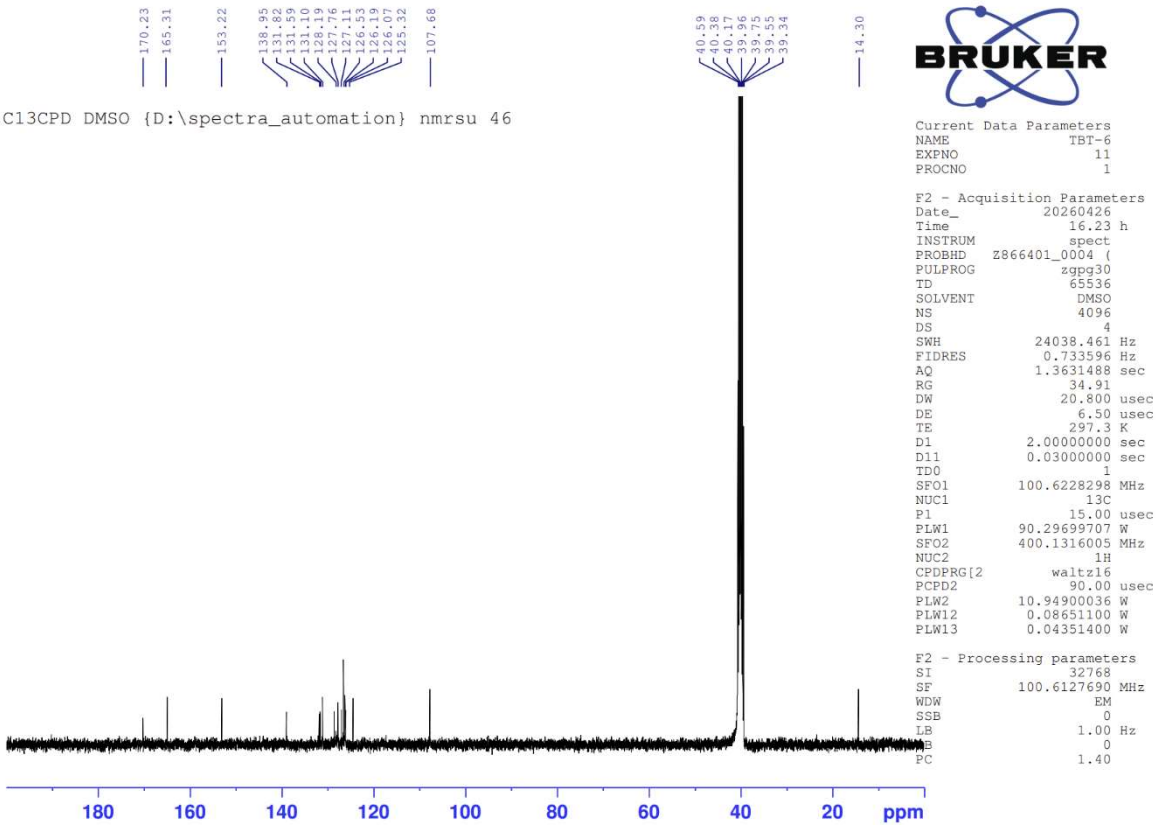


Figure S23. ^{13}C-NMR spectrum of compound **22**

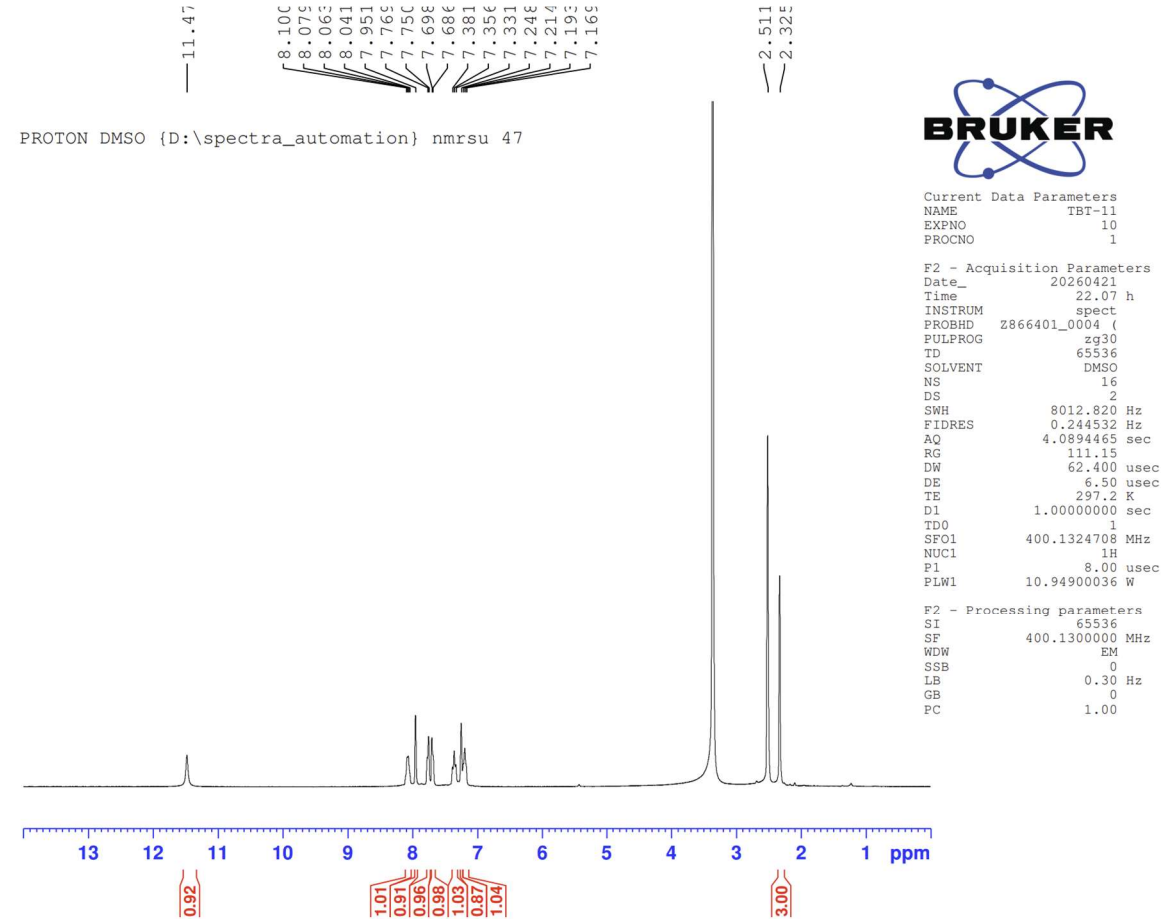


Figure S24. [1]H-NMR spectrum of compound **23**

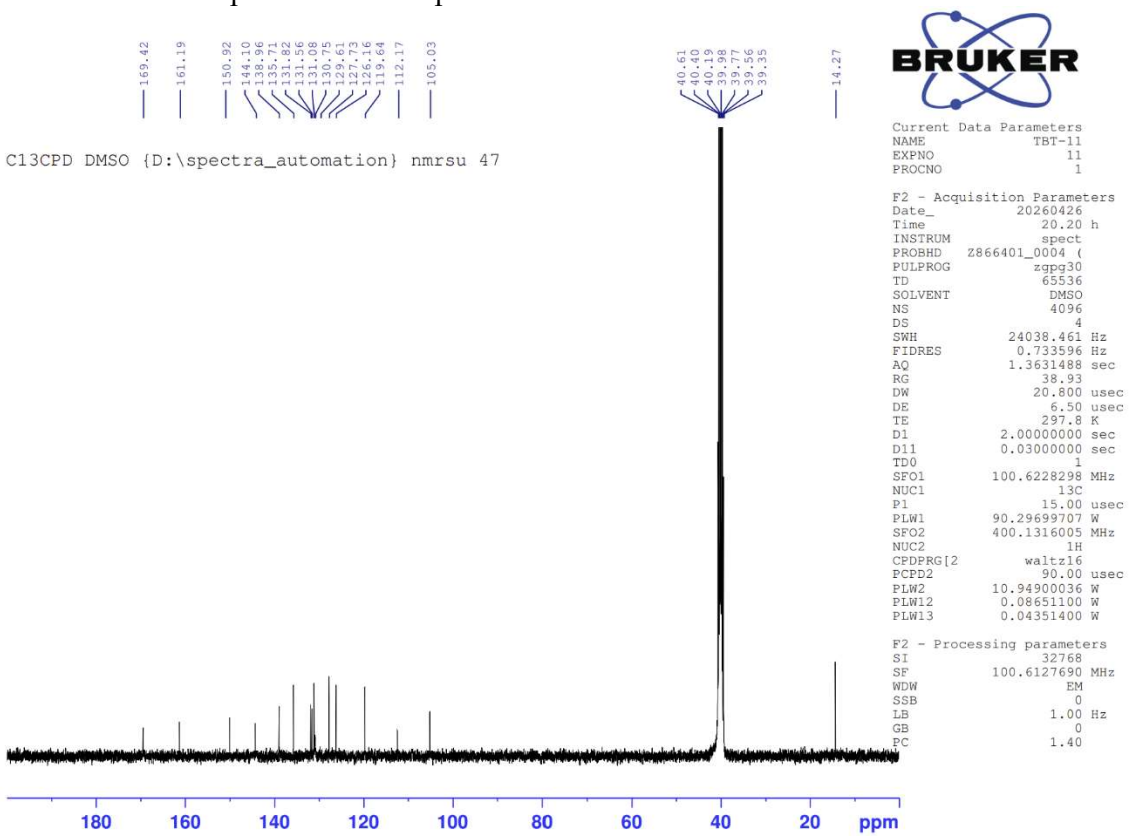


Figure S25. [13]C-NMR spectrum of compound **23**