

Supplementary data

Neuroprotective activity of some marine fungal metabolites in the 6-hydroxydopamin- and paraquat-induced Parkinson's disease models

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Figure S1. ^1H NMR (700 MHz, DMSO- d_6) spectrum of 6-hydroxy-N-acetyl- β -oxotryptamine (**1**)

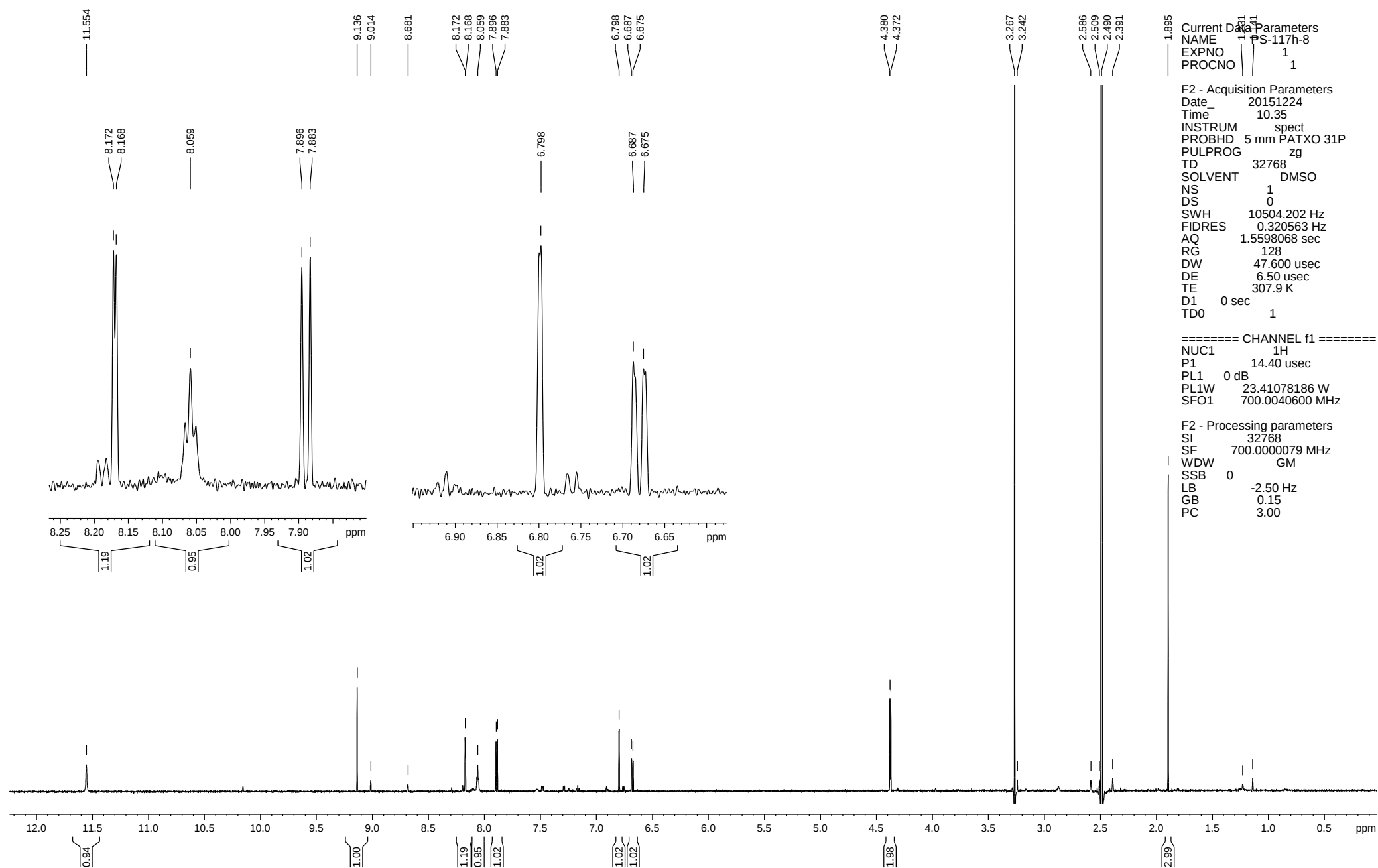


Figure S2. ^{13}C NMR (176 MHz, DMSO- d_6) spectrum of 6-hydroxy-N-acetyl- β -oxotryptamine (**1**)

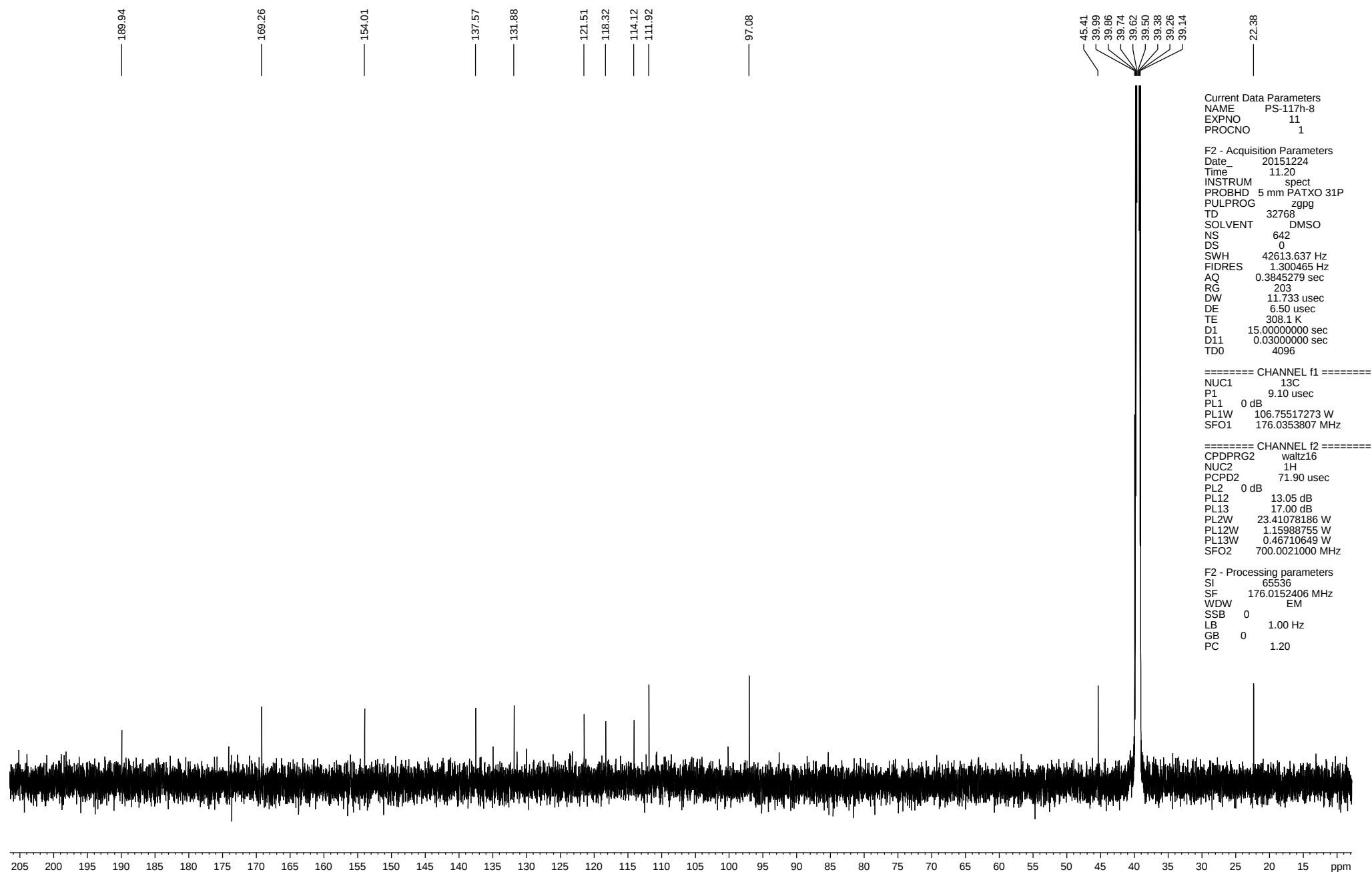


Figure S3. DEPT-135 (176 MHz, DMSO-d₆) spectrum of 6-hydroxy-N-acetyl- β -oxotryptamine (**1**)

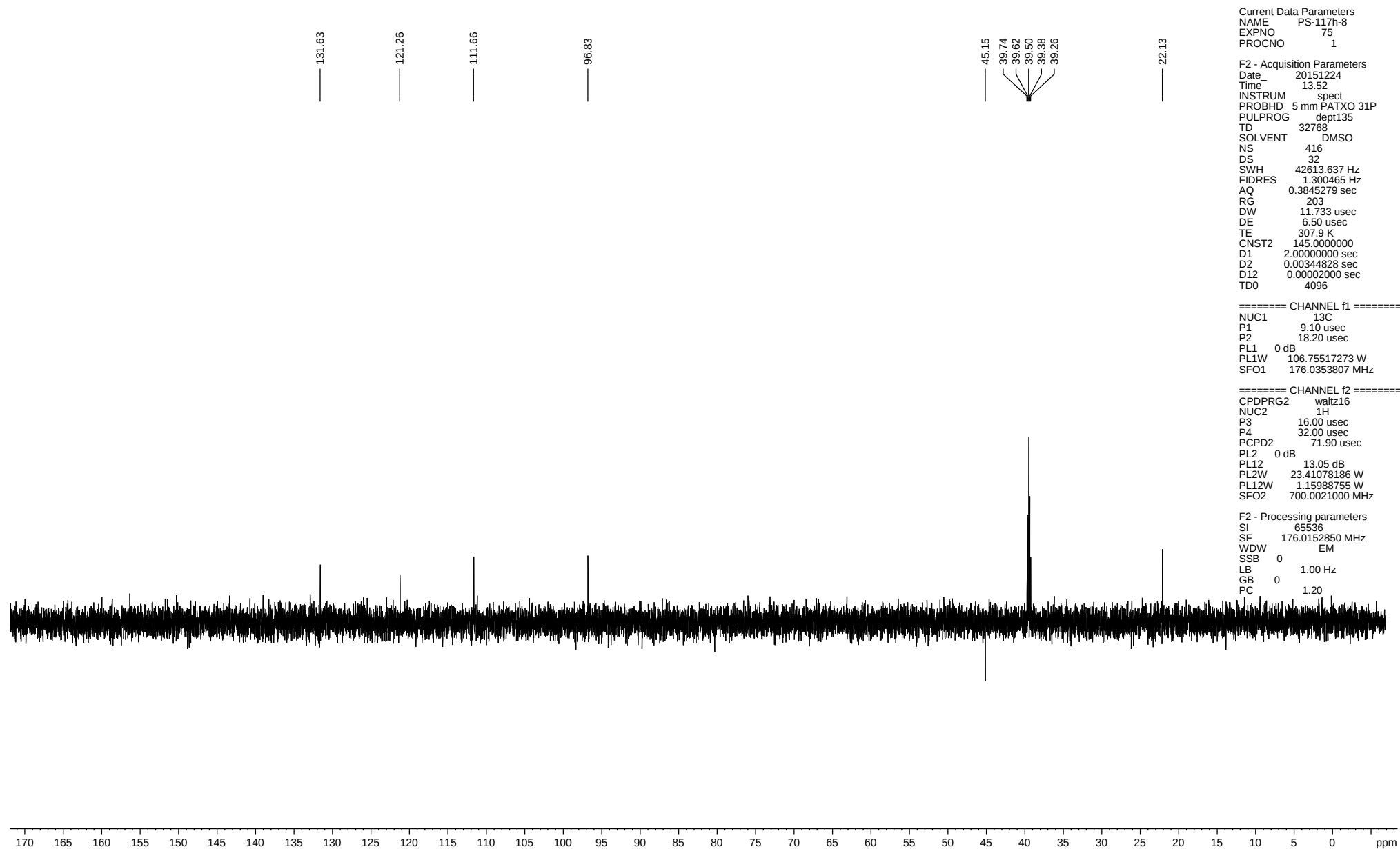


Figure S4. HSQC (700 MHz, DMSO-d₆) spectrum of 6-hydroxy-N-acetyl- β -oxotryptamine (**1**)

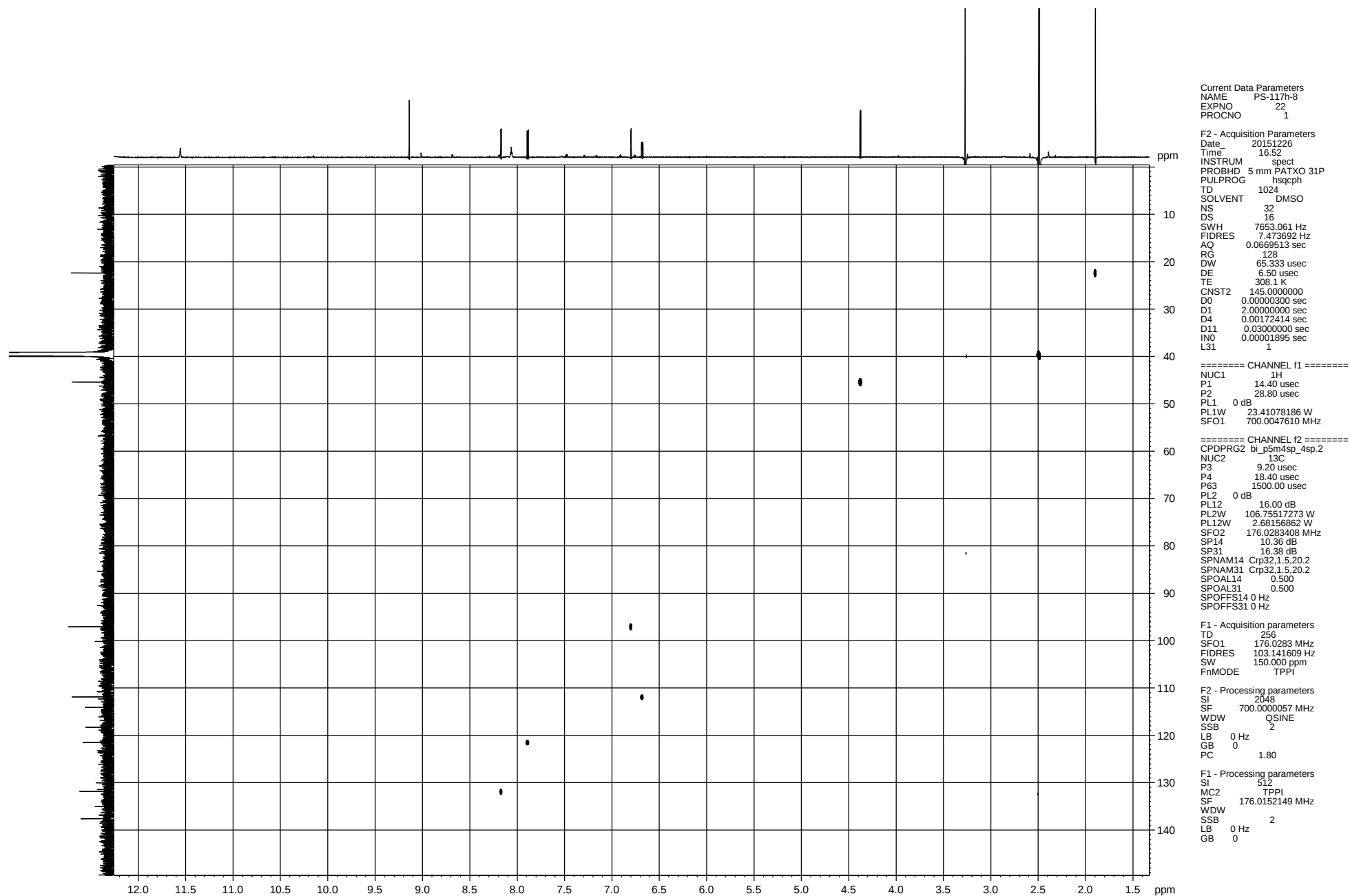


Figure S5. HMBC (700 MHz, DMSO-d₆) spectrum of 6-hydroxy-N-acetyl-β-oxotryptamine (**1**)

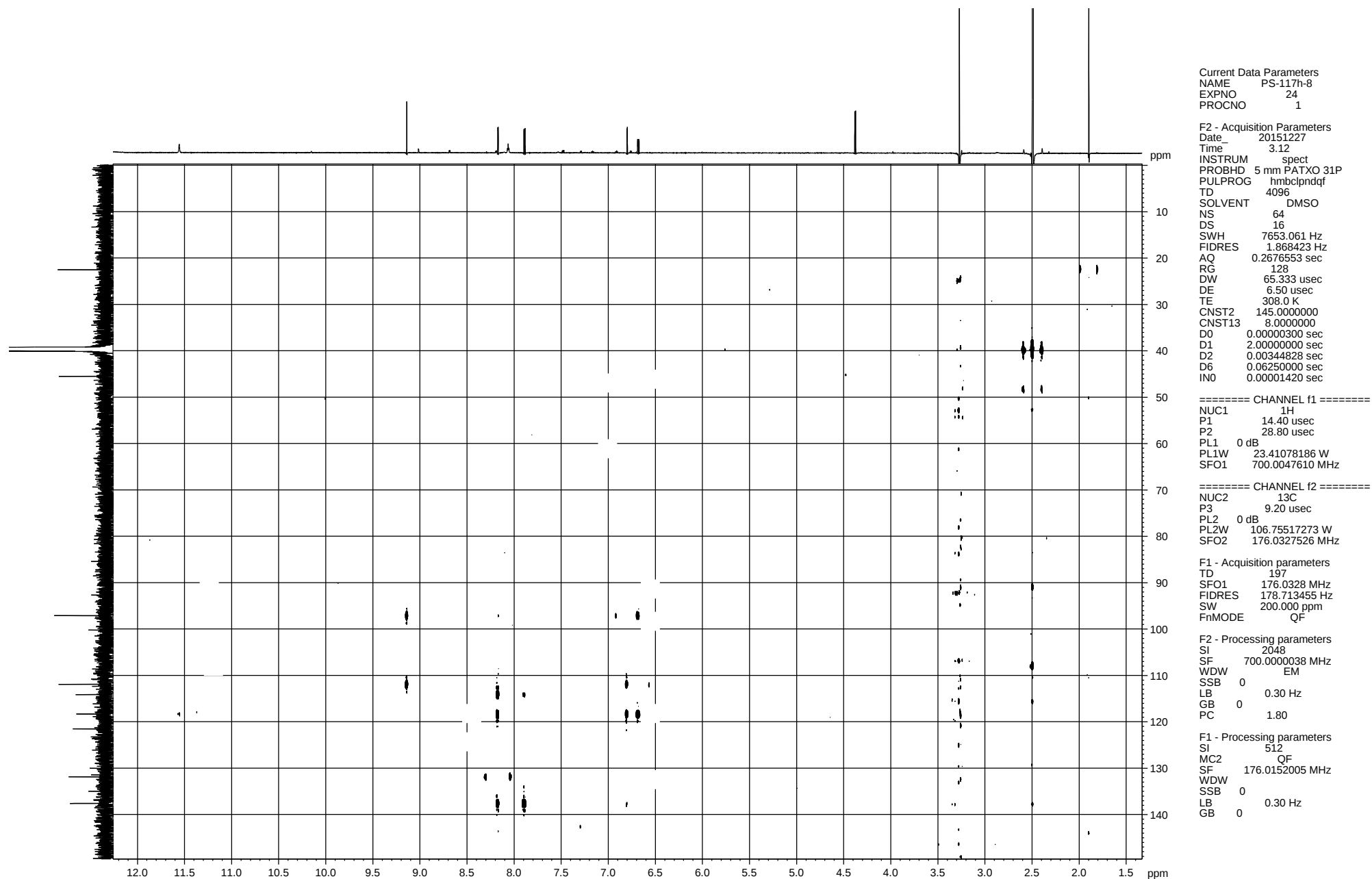


Figure S6. COSY (700 MHz, DMSO-d₆) spectrum of 6-hydroxy-N-acetyl- β -oxotryptamine (**1**)

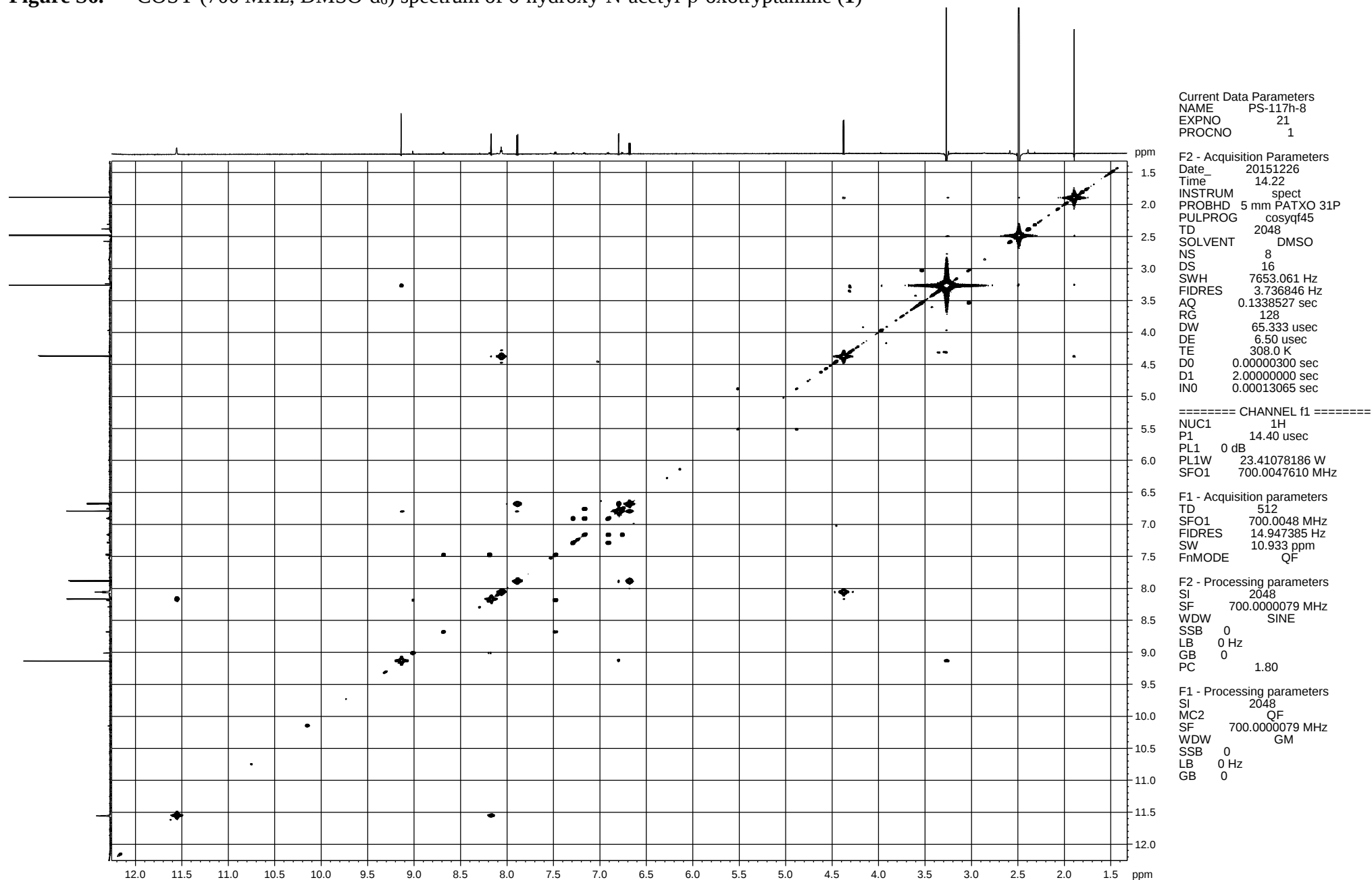


Figure S7. ROESY (700 MHz, DMSO-d₆) spectrum of 6-hydroxy-N-acetyl- β -oxotryptamine (**1**)

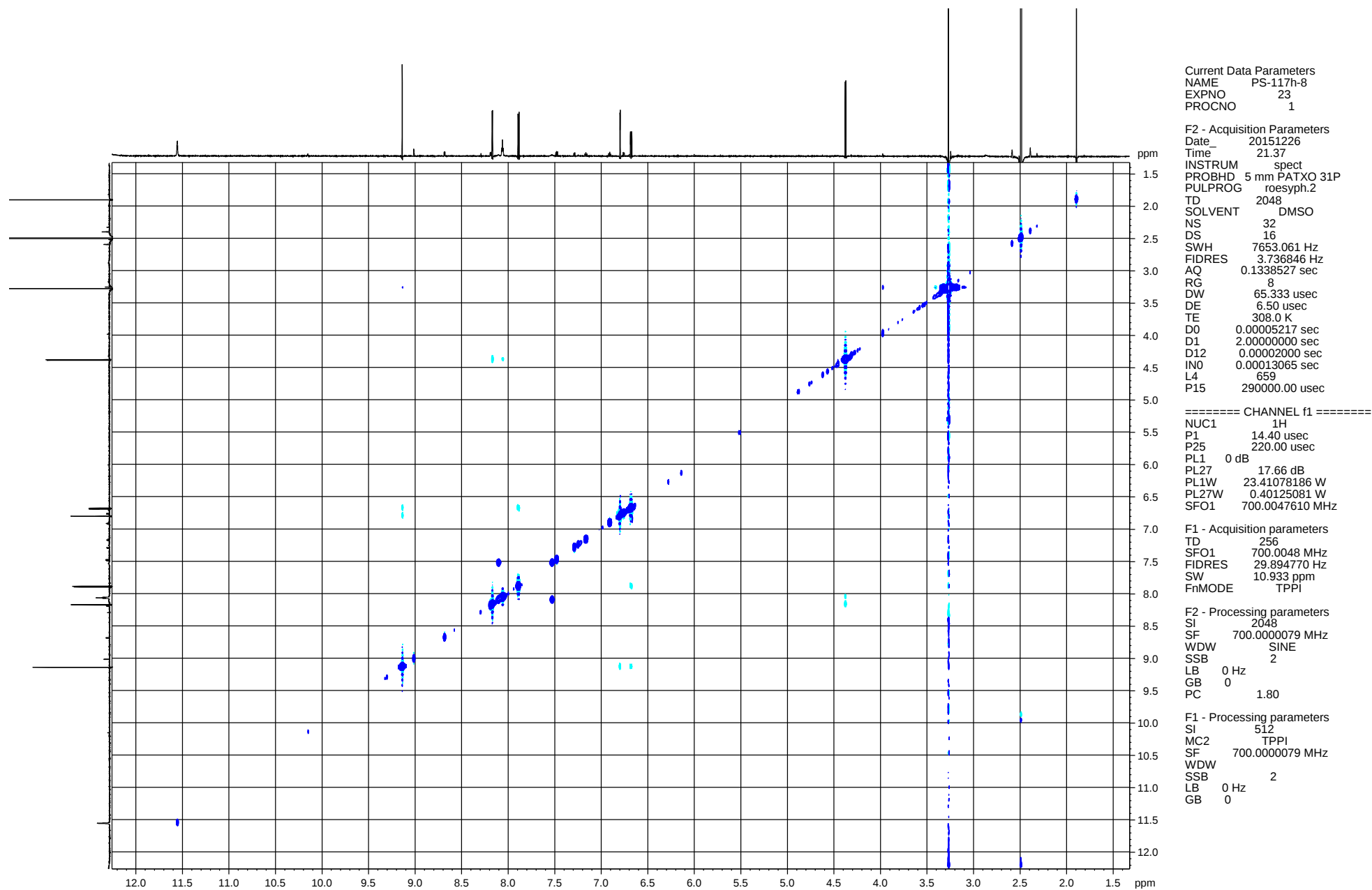


Figure S8. ESI mass spectra of 6-hydroxy-N-acetyl- β -oxotryptamine (**1**)

(-)-ESI

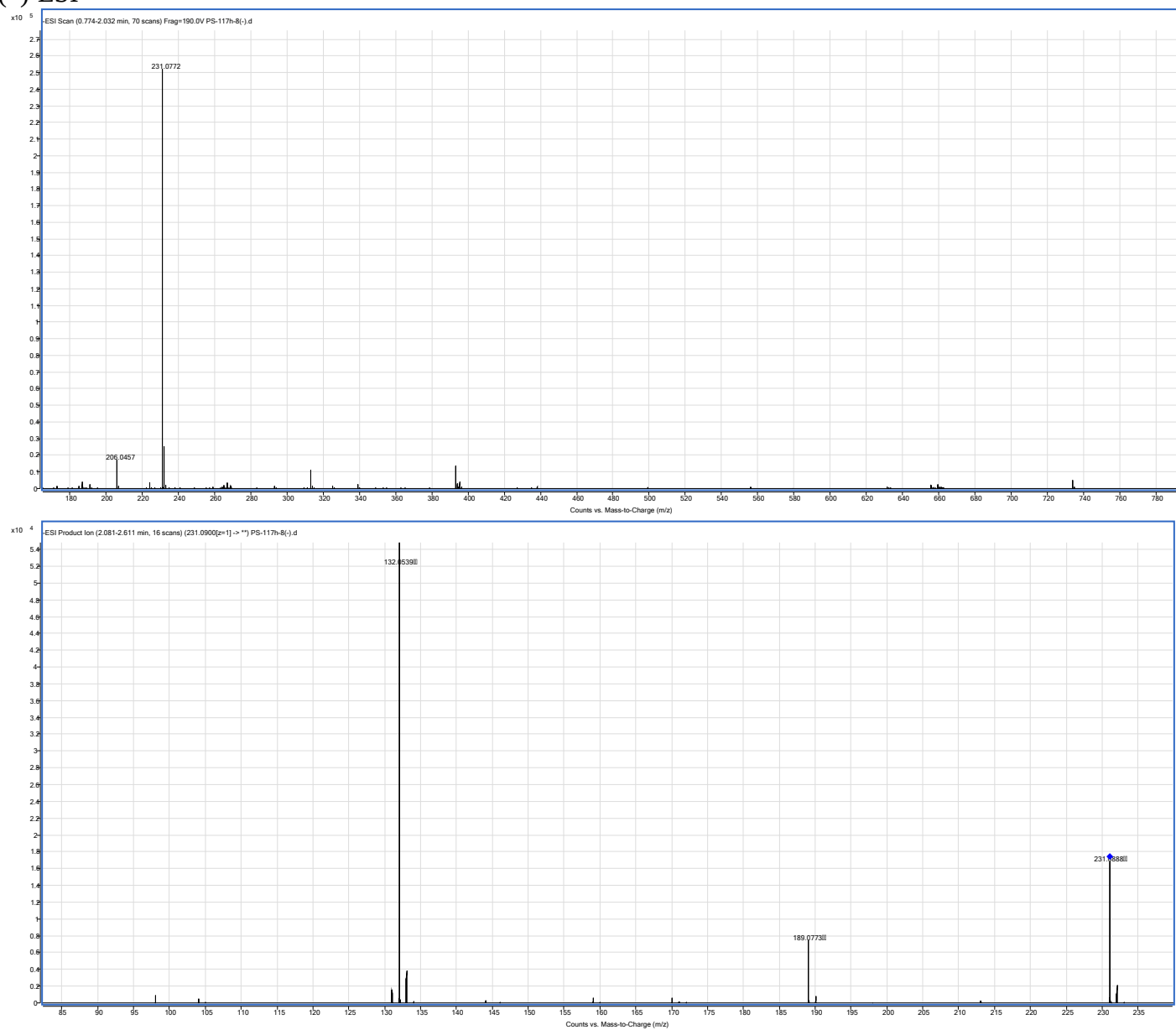


Figure S9. ^1H NMR (700 MHz, acetone- d_6) spectra of 3-methylorsellinic acid (2)

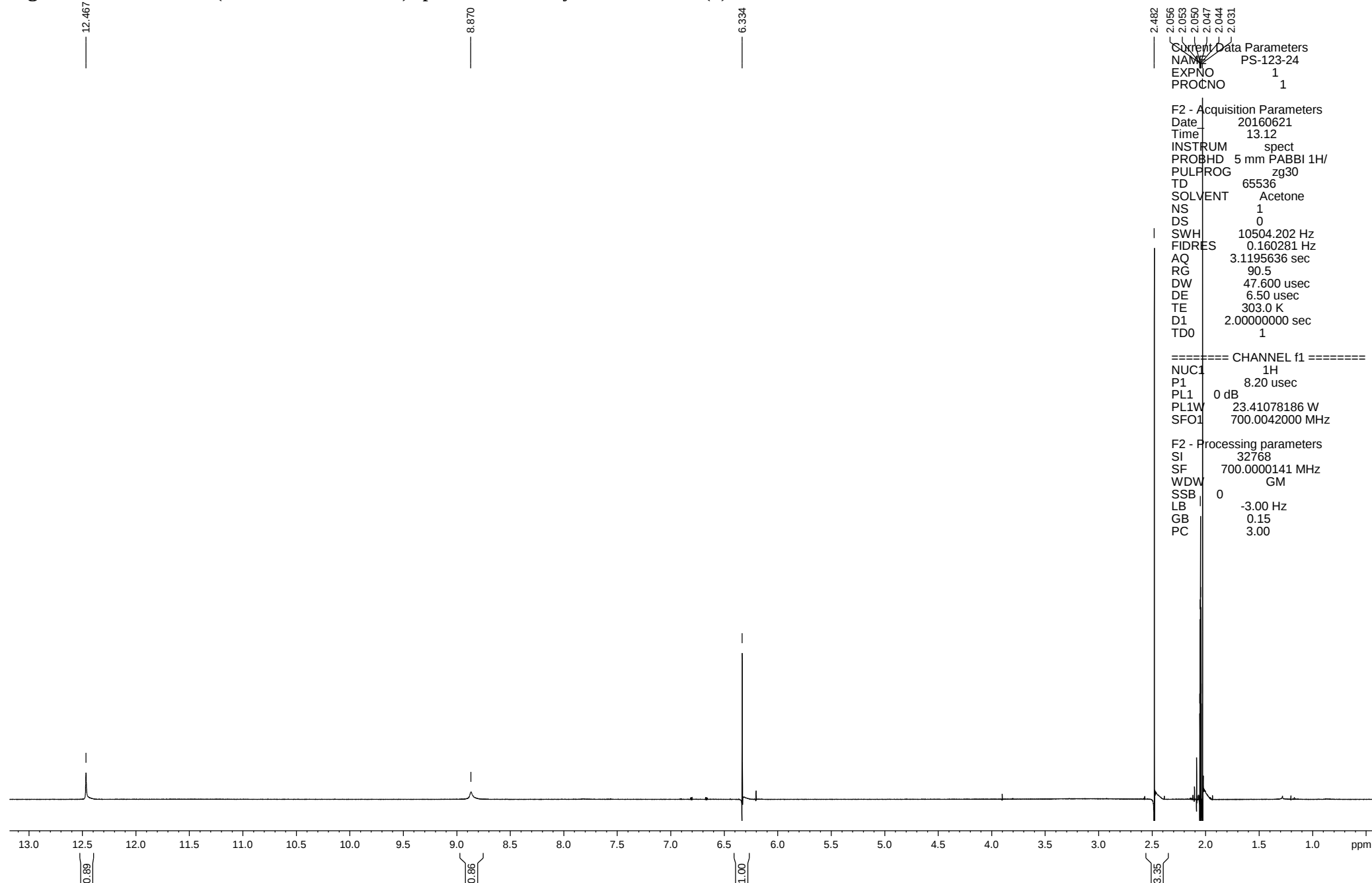


Figure S10. ^{13}C NMR (125 MHz, acetone- d_6) spectrum of 3-methylorsellinic acid (2)

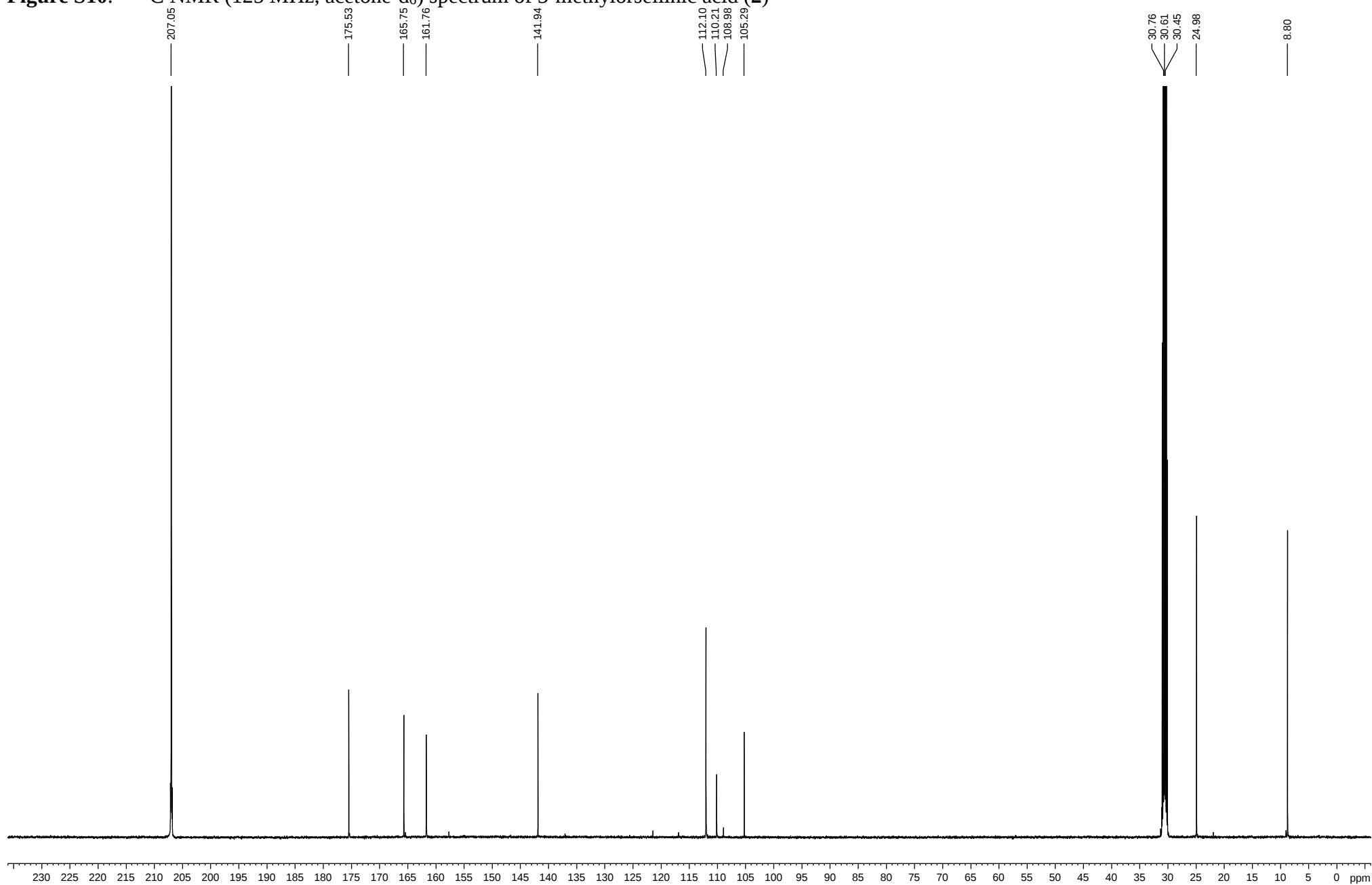
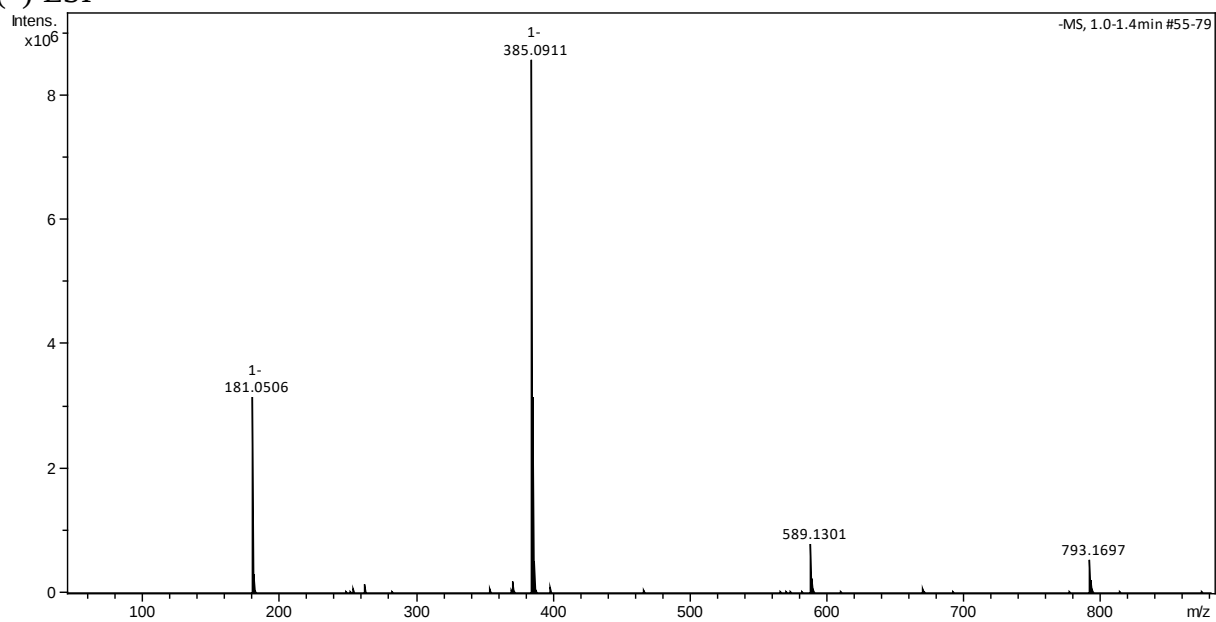


Figure S11. ESI mass spectra of 3-methylorsellinic acid (2)

(-)-ESI



MS/MS

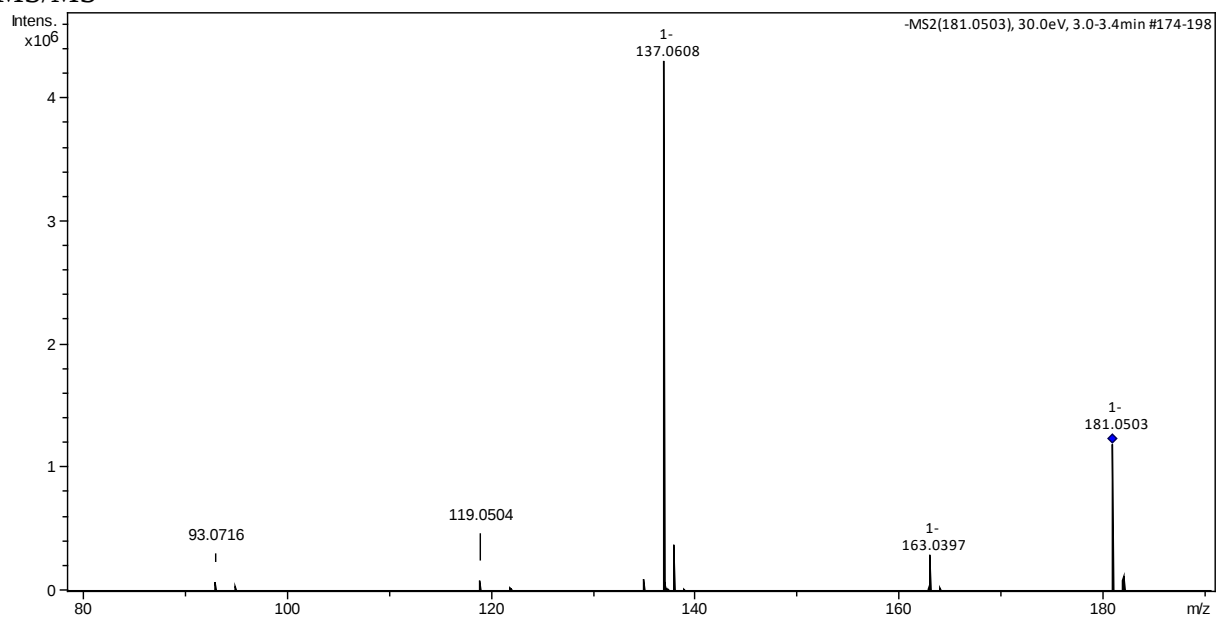


Figure S12. ^1H NMR (700 MHz, DMSO- d_6) spectra of 8-methoxy-3,5-dimethylisochroman-6-ol (**3**)

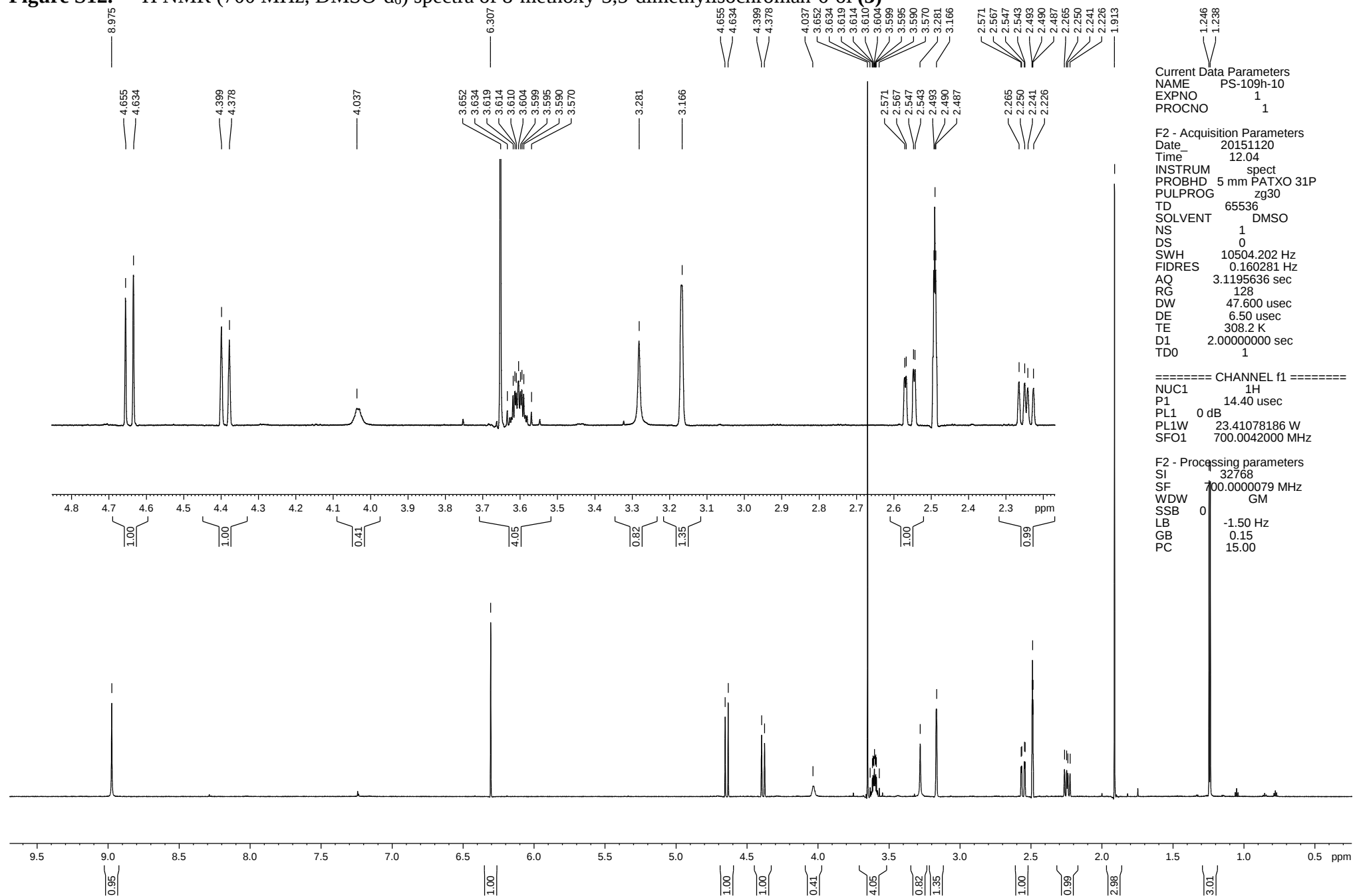


Figure S13. ^{13}C NMR (176 MHz, DMSO- d_6) spectra of 8-methoxy-3,5-dimethylisochroman-6-ol (**3**)

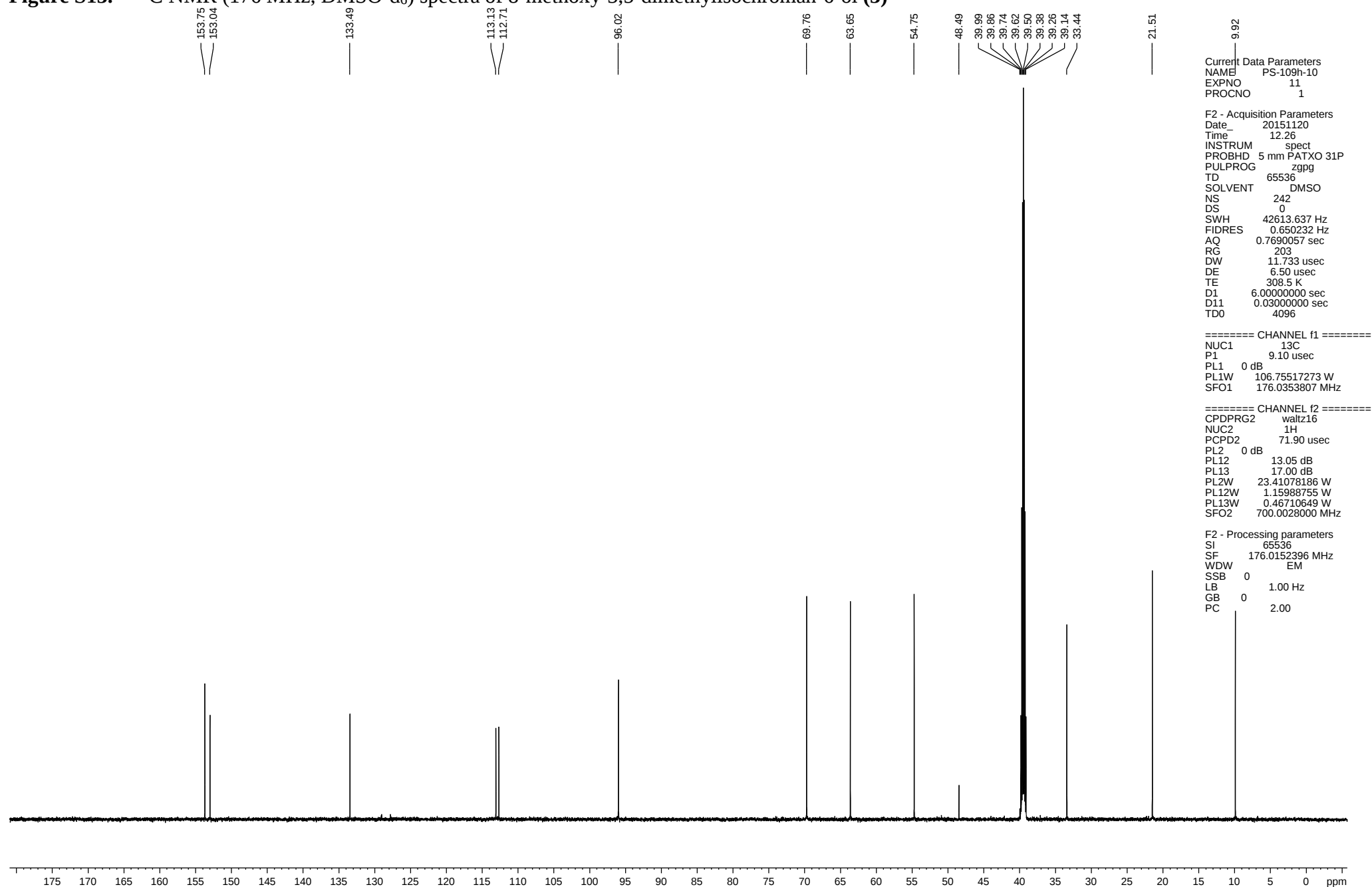


Figure S14. ^1H NMR (500 MHz, acetone- d_6) spectra of mactanamide (6)

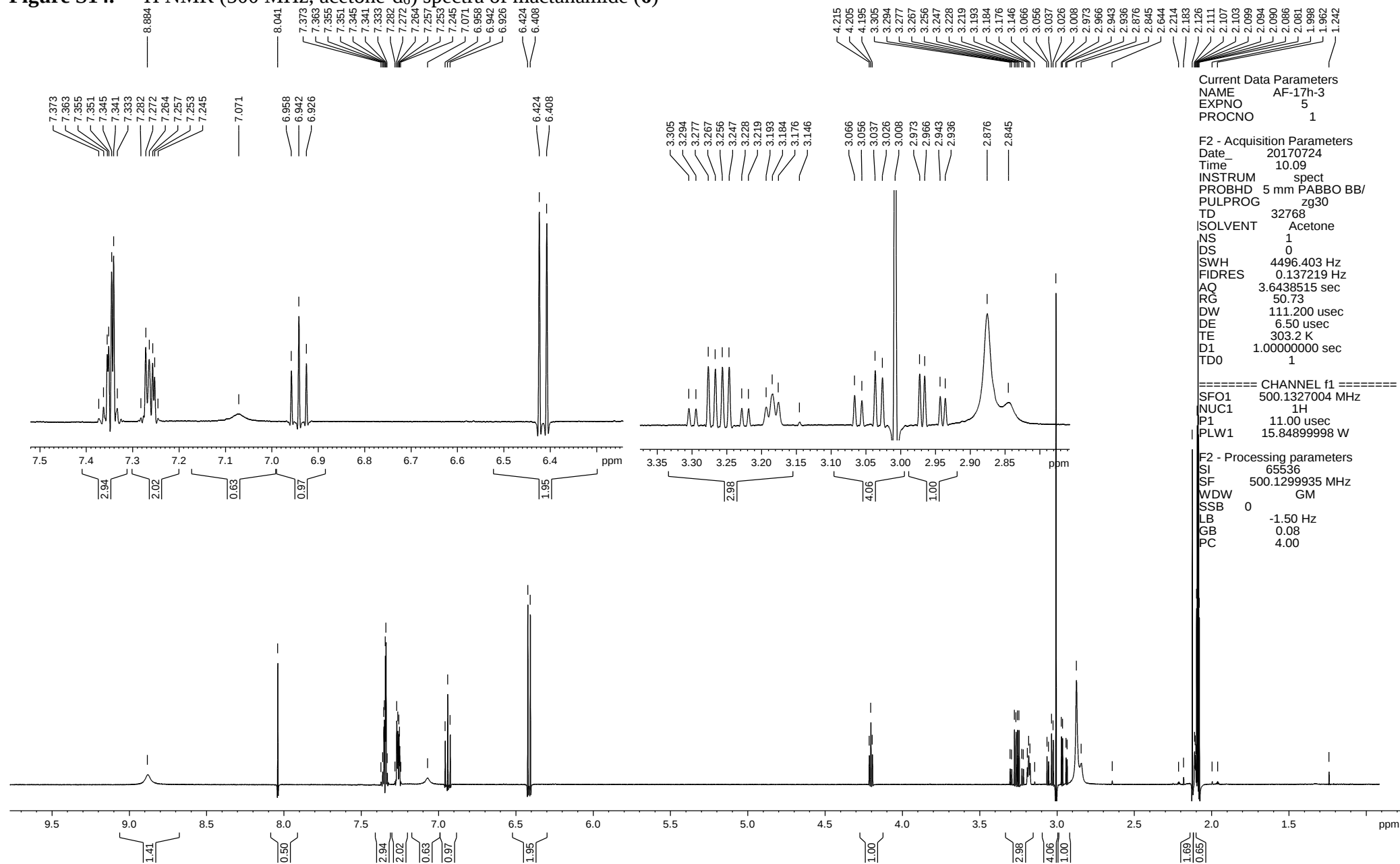


Figure S15. ^{13}C NMR (125 MHz, acetone- d_6) spectrum of mactanamide (**6**)

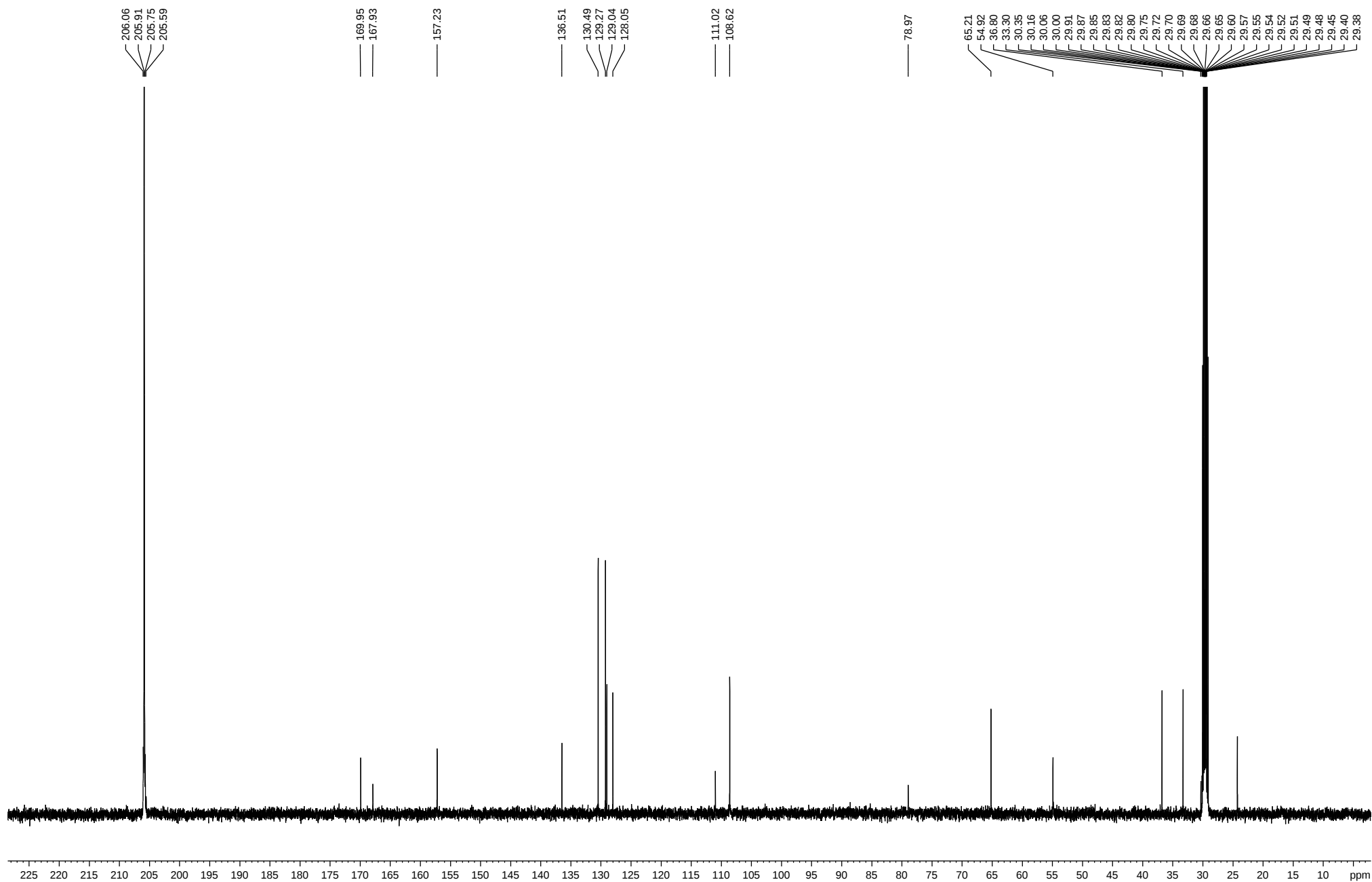


Figure S16. ROS formation in 6-OHDA- and PQ-treated Neuro2a cells

