Supplementary Materials: Identification of Novel Human Breast Carcinoma (MDA-MB-231) Cell Growth Modulators from a Carbohydrate-Based Diversity Oriented Synthesis Library

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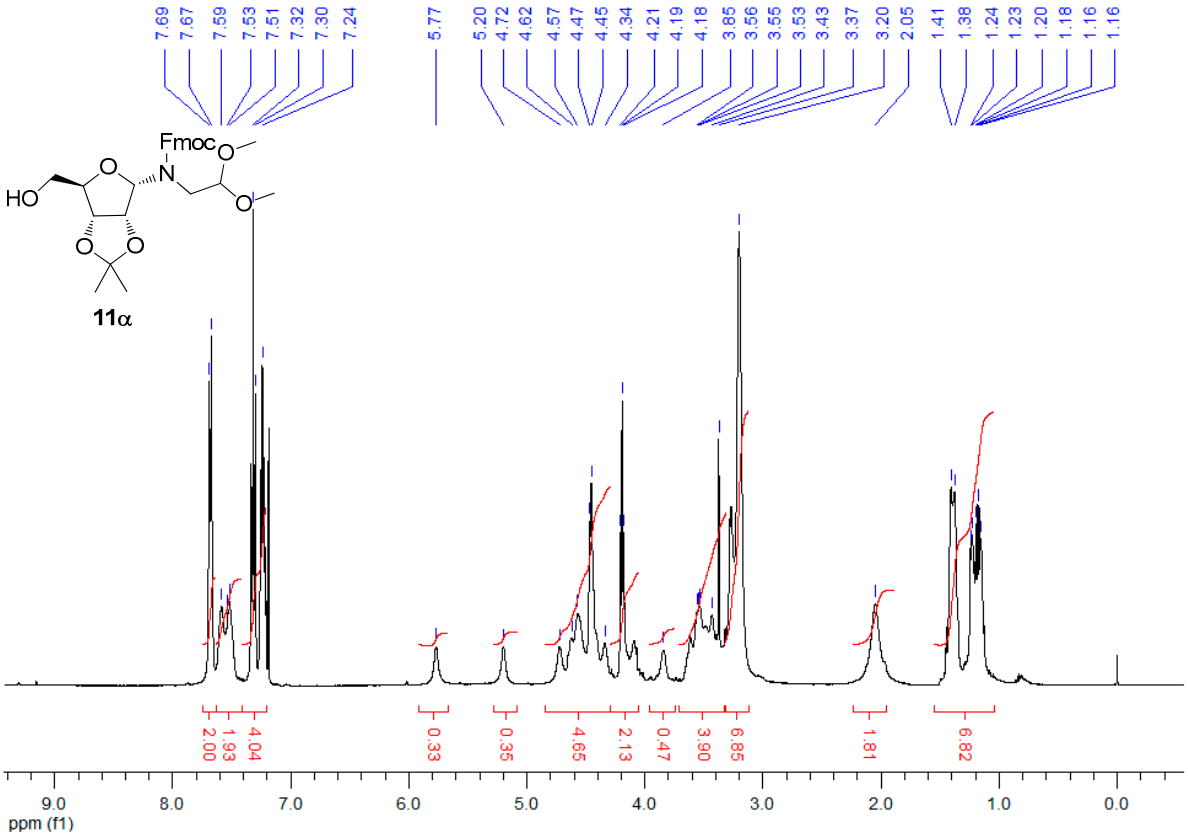

Figure S1. ^{1}H-NMR spectrum of compound **11α** (400 MHz, $CDCl_3$).

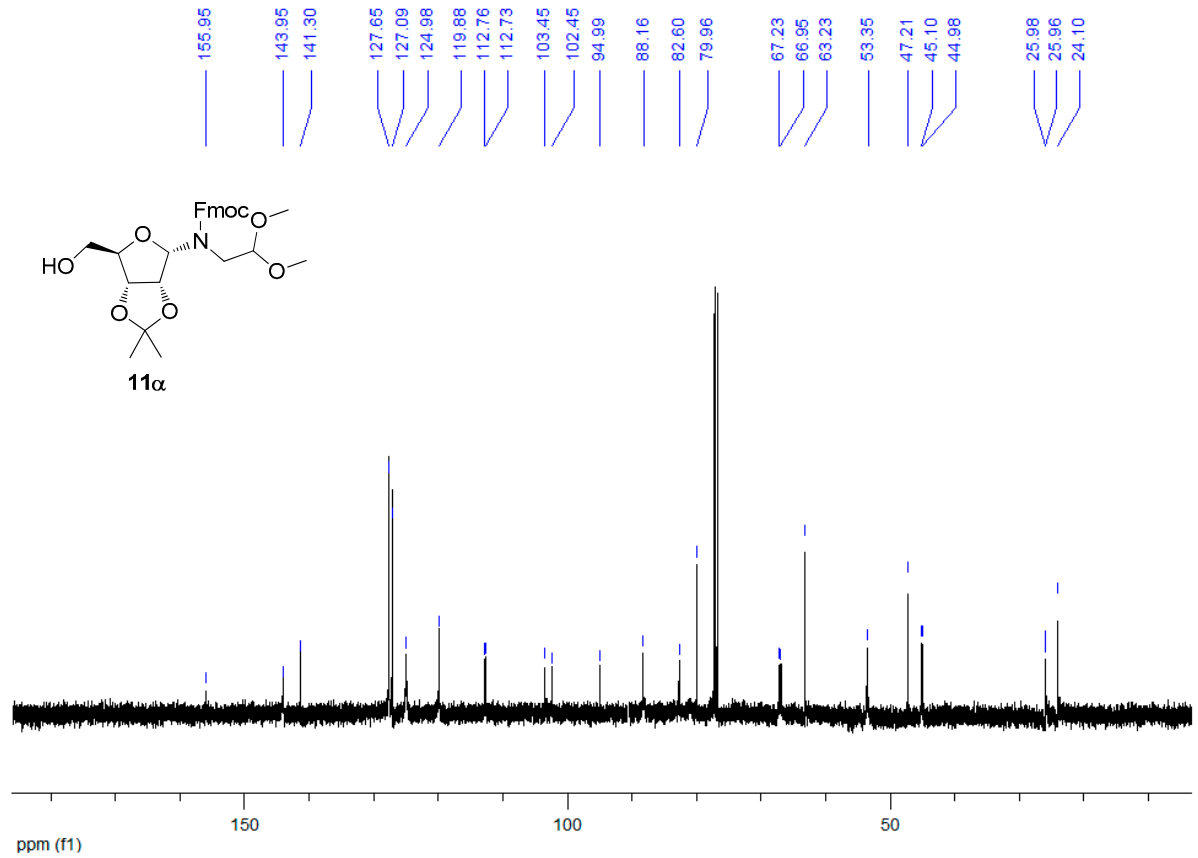

Figure S2. ^{13}C-NMR spectrum of compound **11*α*** (50 MHz, $CDCl_3$).

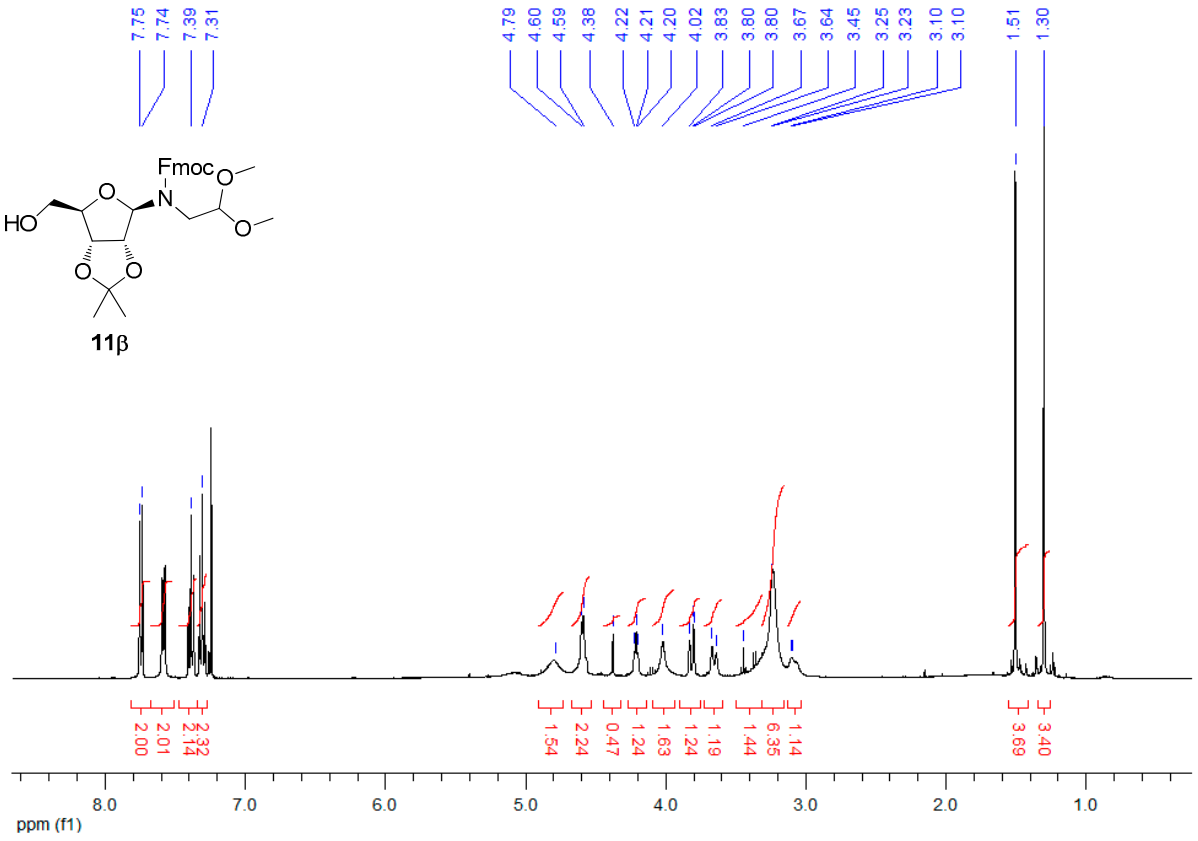

Figure S3. ^{1}H-NMR spectrum of compound **11β** (400 MHz, $CDCl_3$).

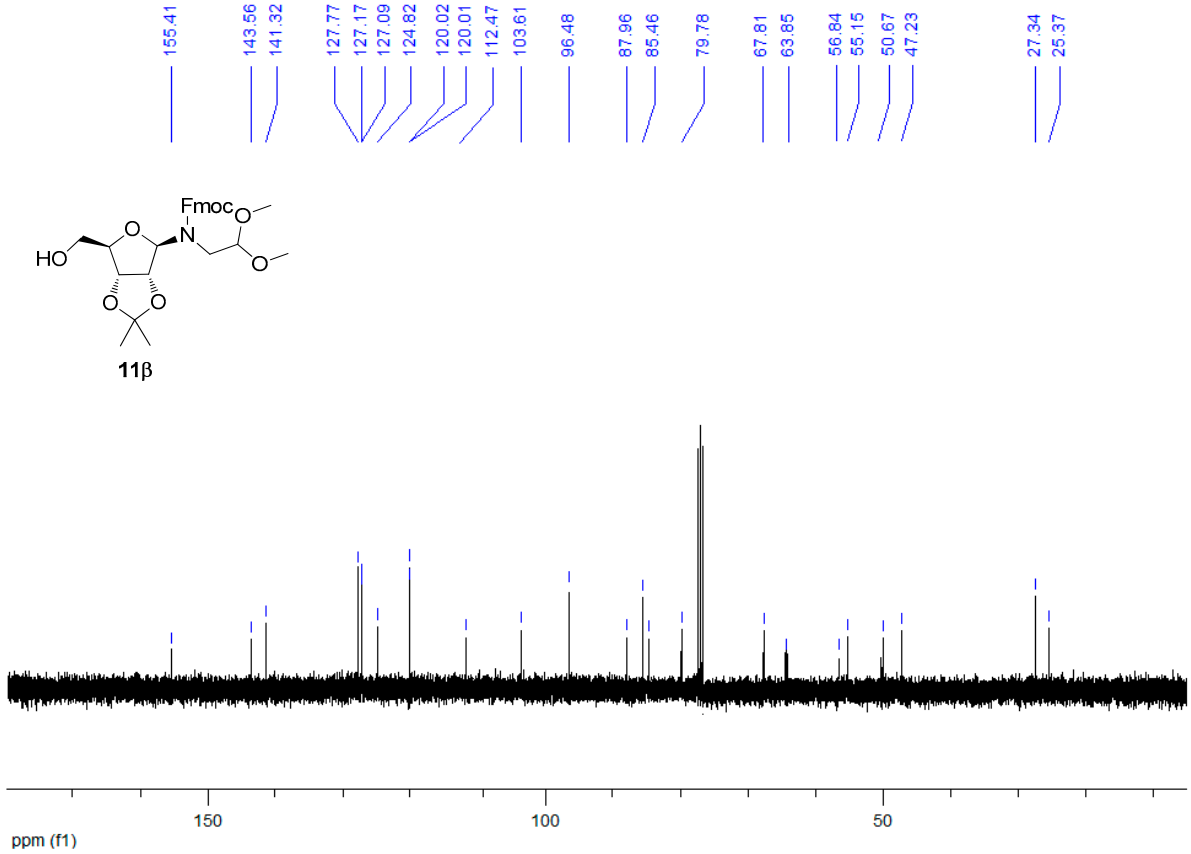

Figure S4. ^{13}C-NMR spectrum of compound **11β** (100 MHz, $CDCl_3$).

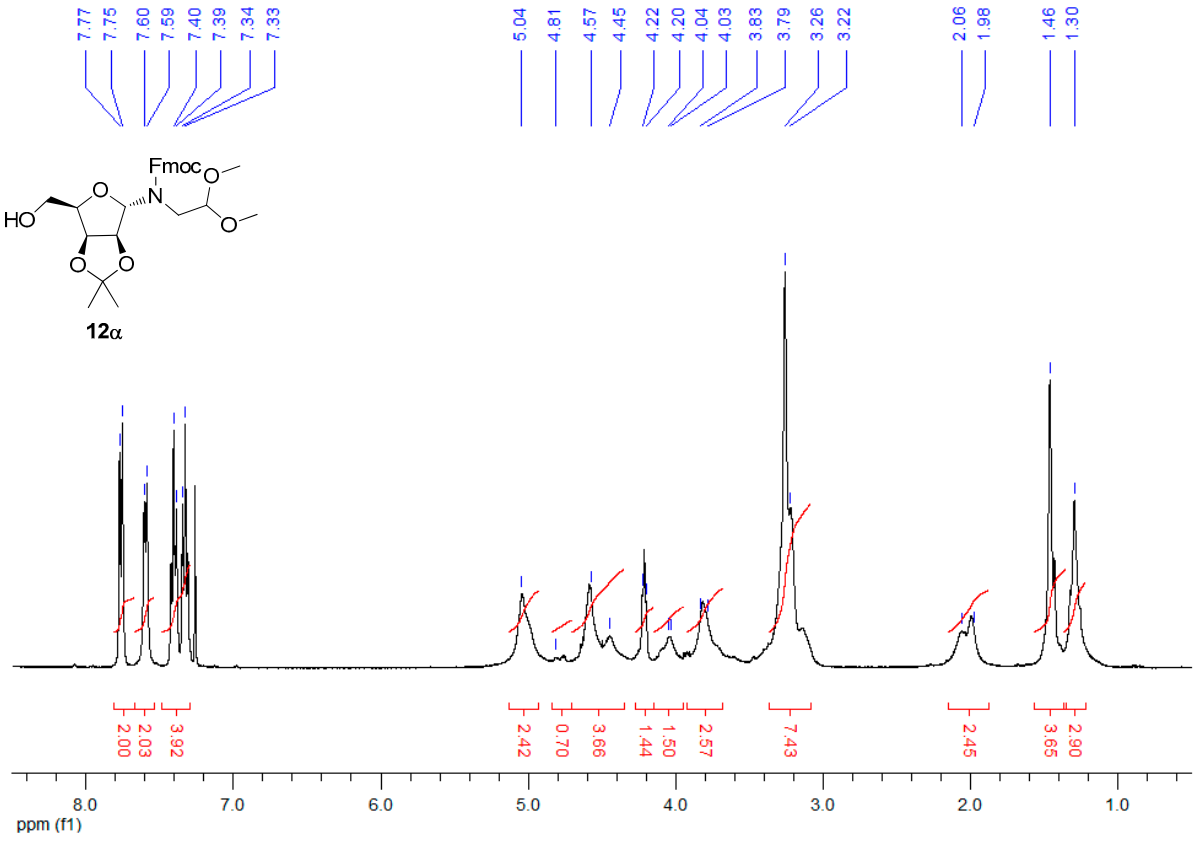

Figure S5. ^{1}H-NMR spectrum of compound **12*α*** (400 MHz, $CDCl_3$).

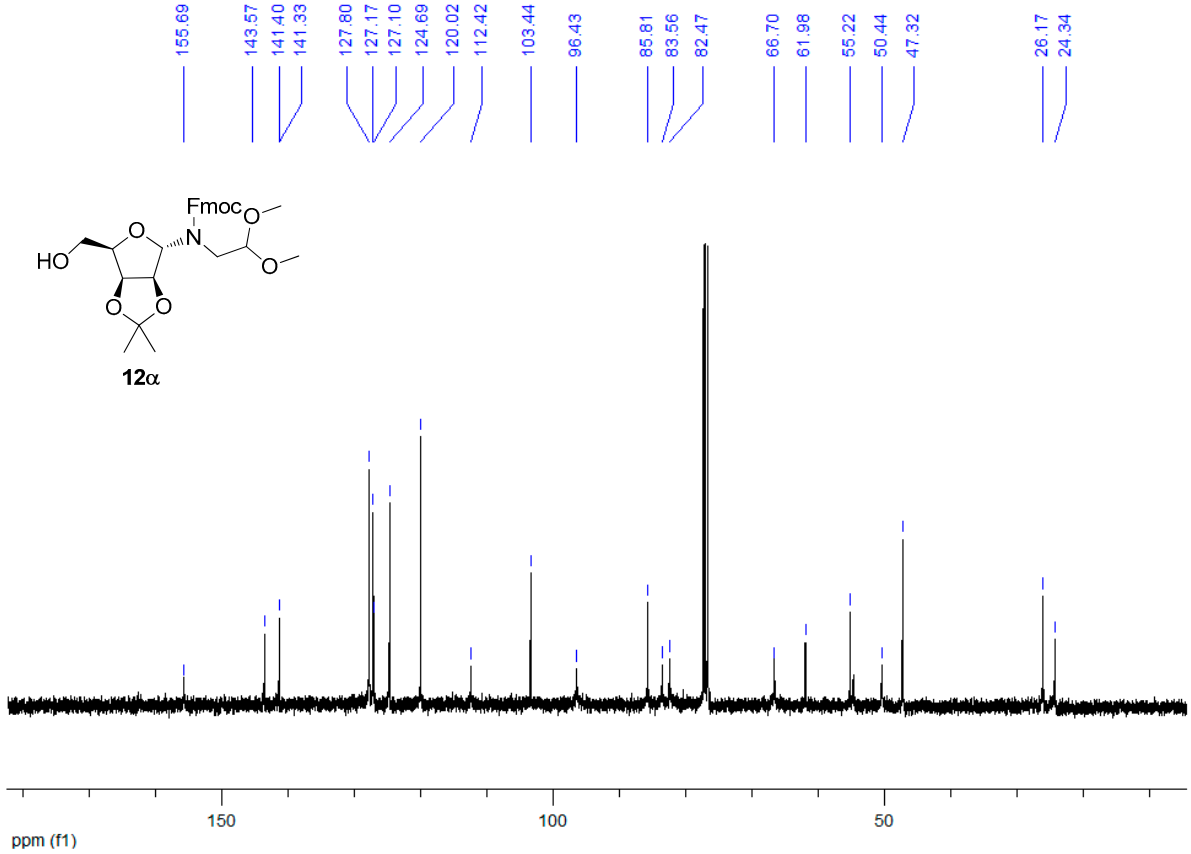

Figure S6. ^{13}C-NMR spectrum of compound **12*α*** (50 MHz, $CDCl_3$).

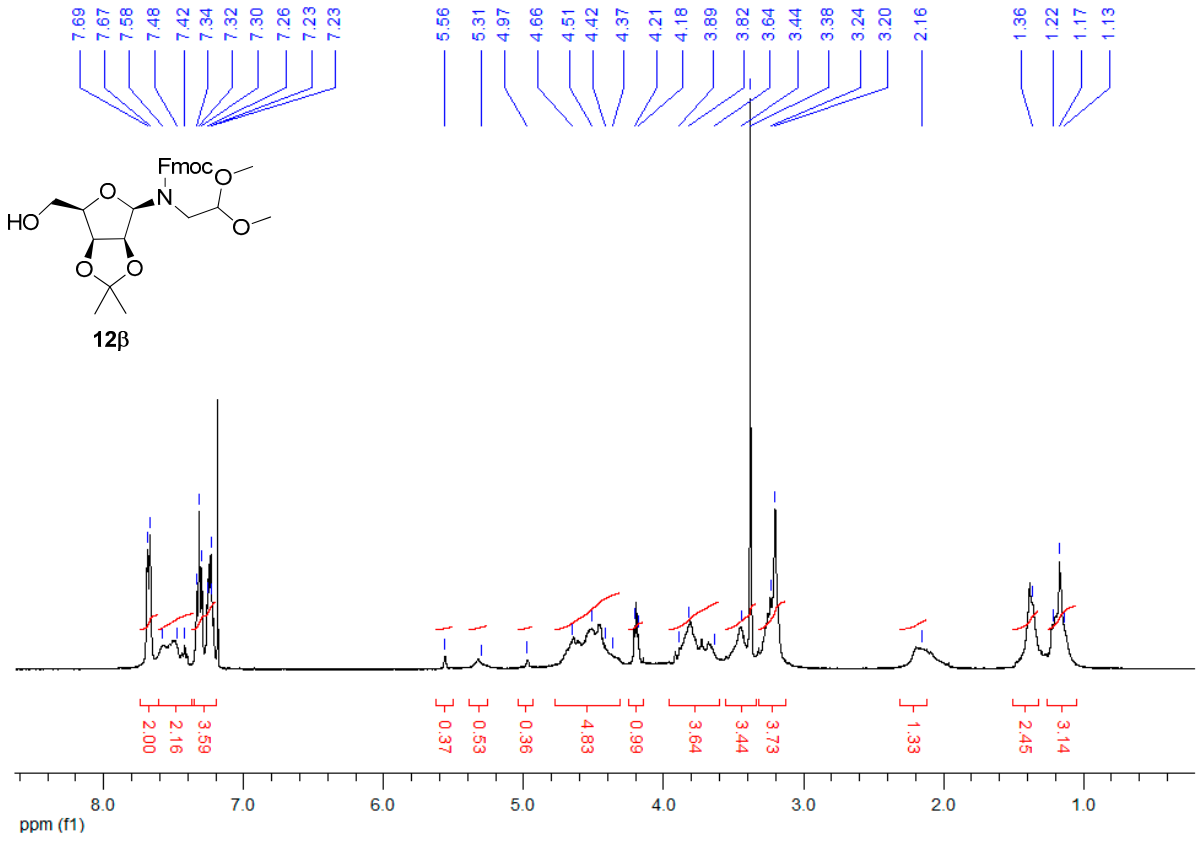

Figure S7. ^{1}H-NMR spectrum of compound **12β** (400 MHz, $CDCl_3$).

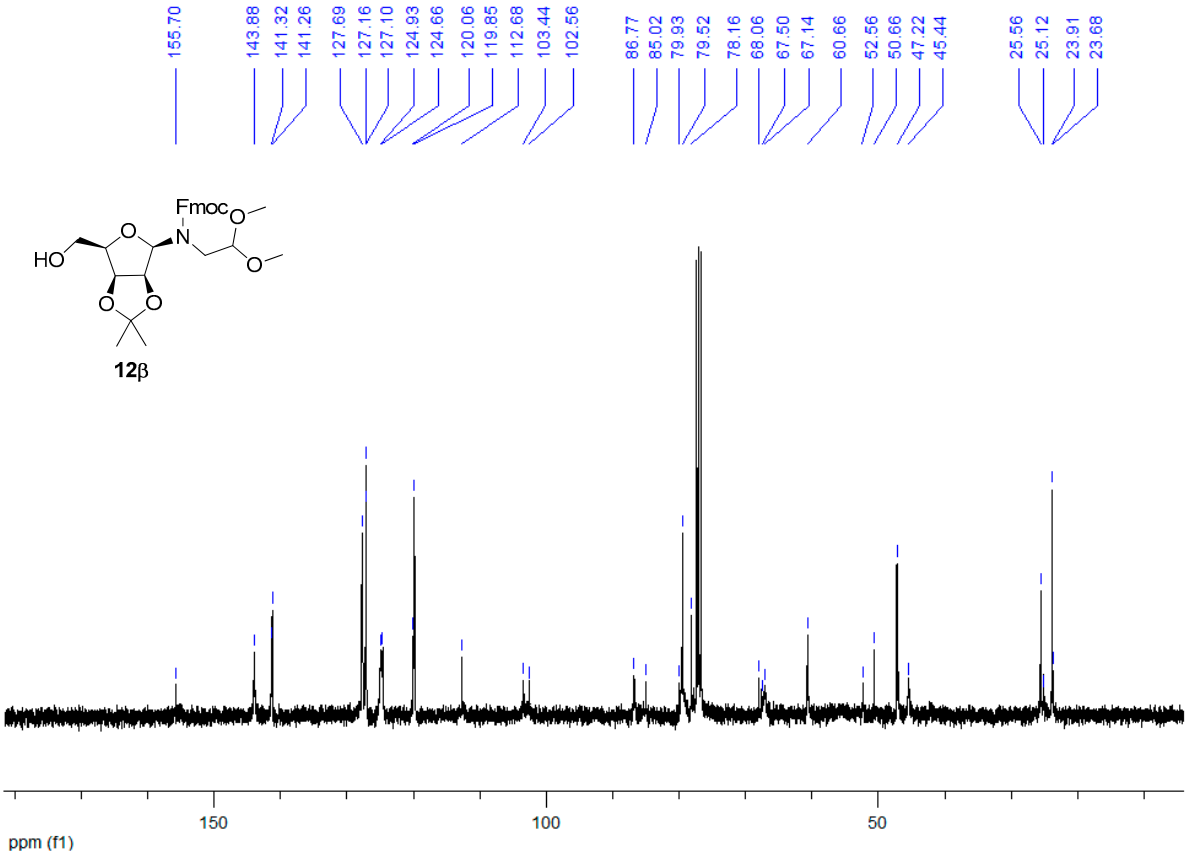

Figure S8. ^{13}C-NMR spectrum of compound **12β** (100 MHz, $CDCl_3$).

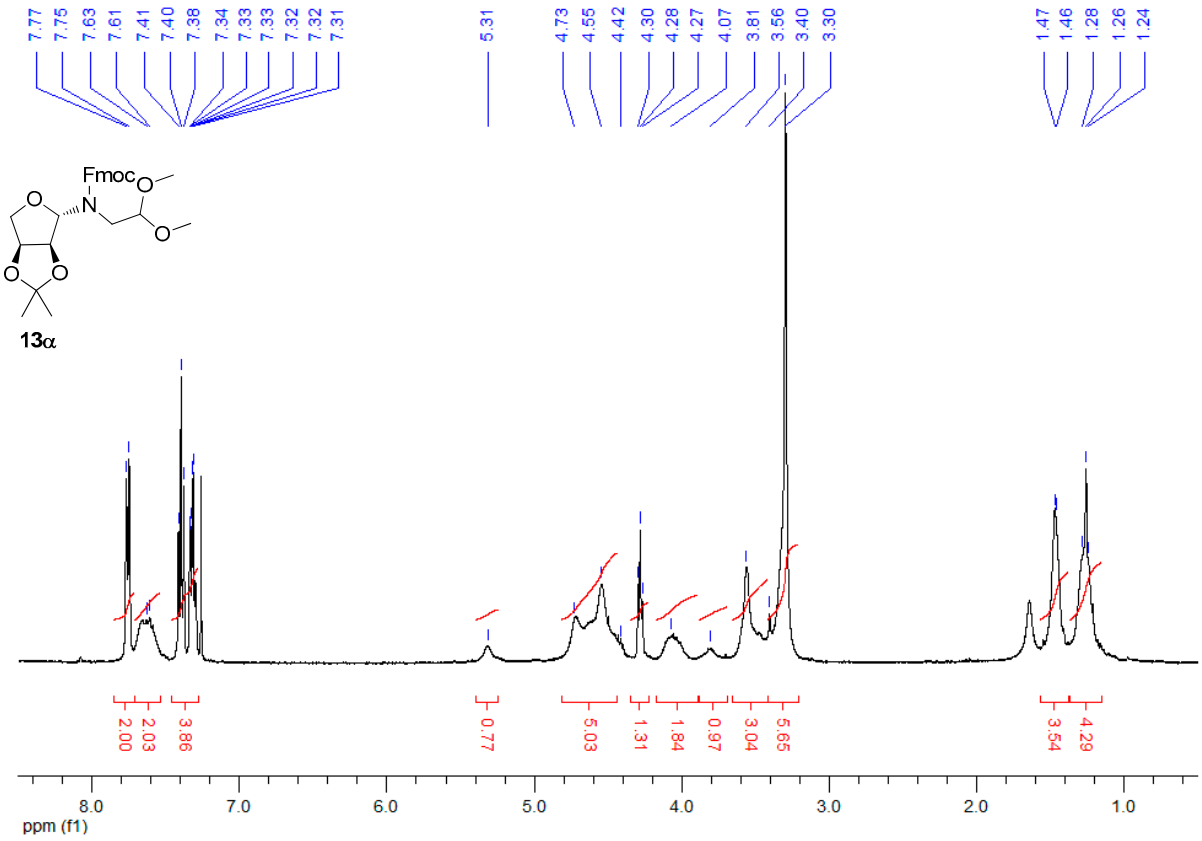

Figure S9. ^{1}H-NMR spectrum of compound **13α** (400 MHz, $CDCl_3$).

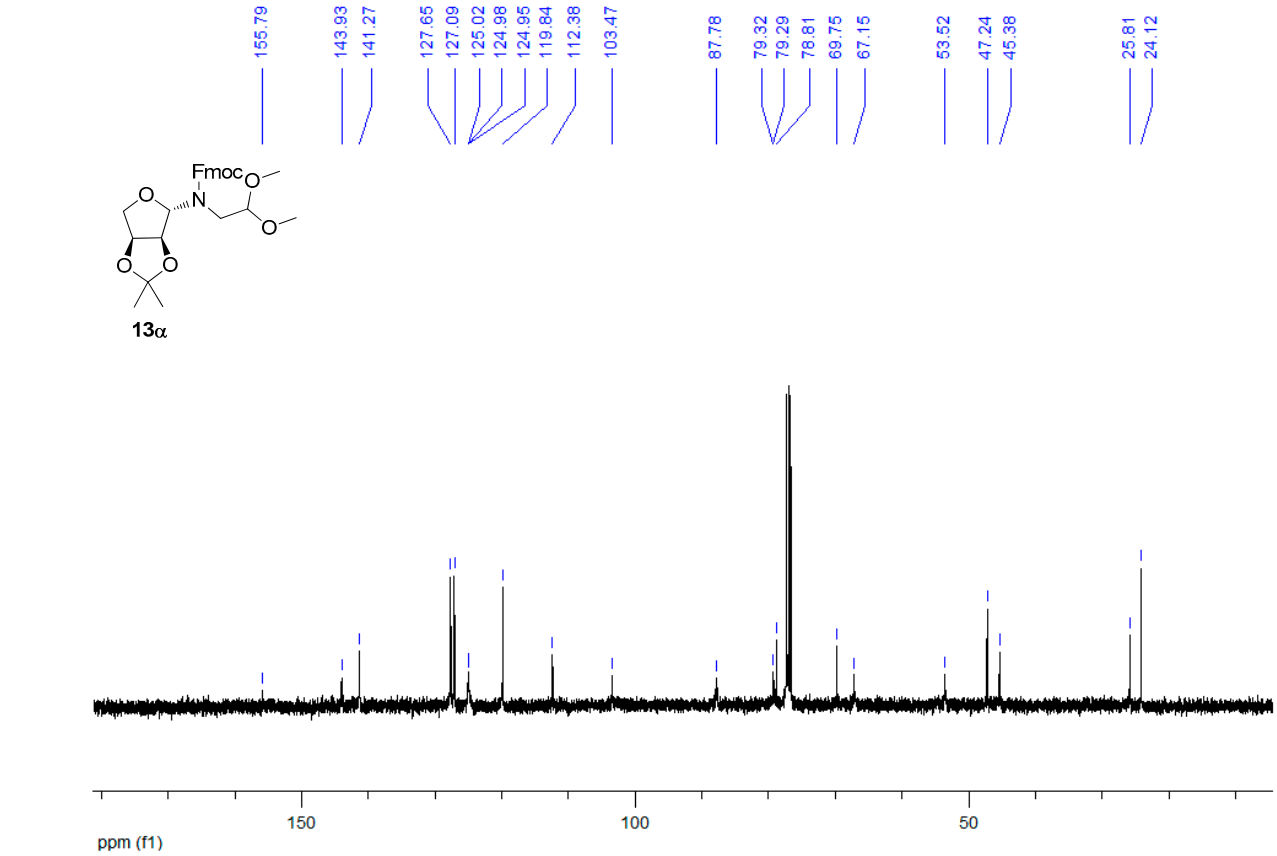

Figure S10. ^{13}C-NMR spectrum of compound **13α** (100 MHz, $CDCl_3$).

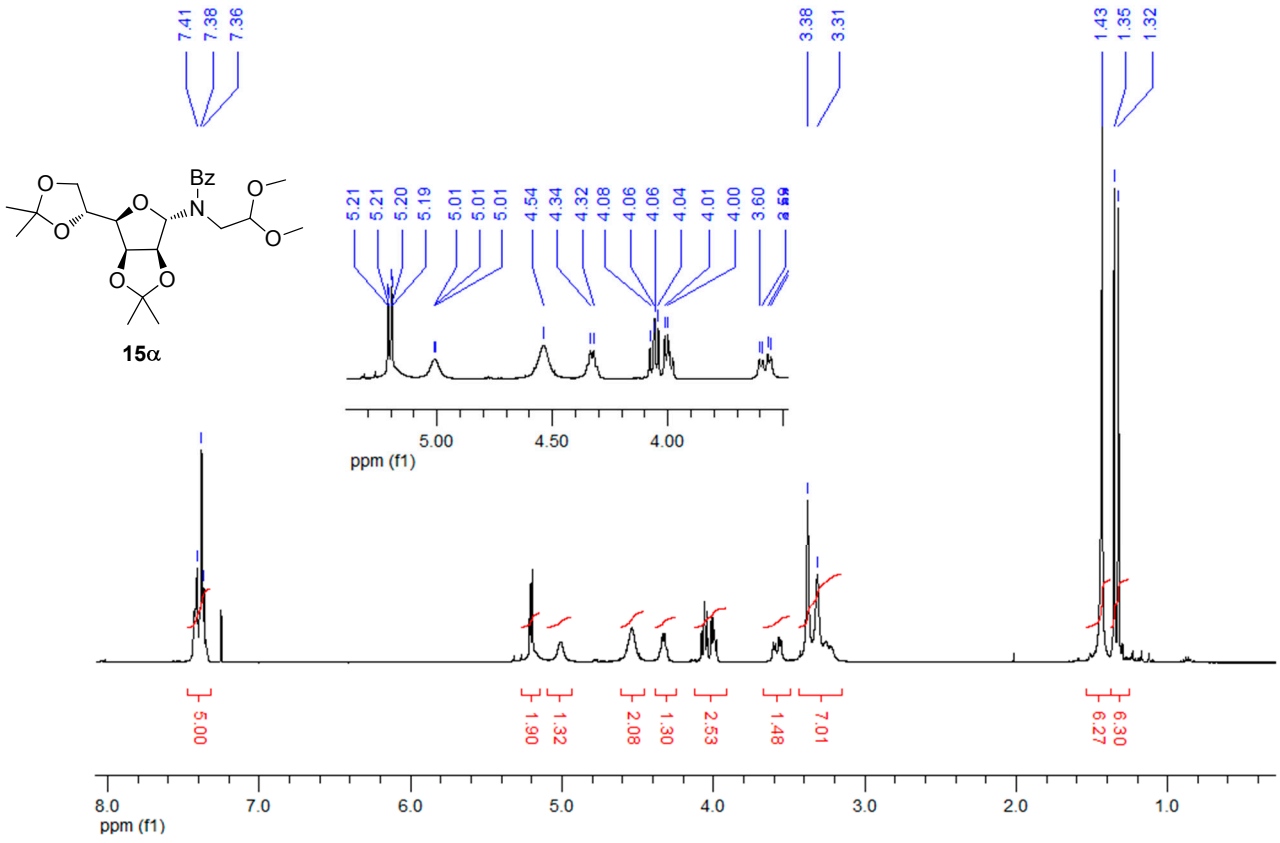

Figure S11. ^{1}H-NMR spectrum of compound **15α** (400 MHz, $CDCl_3$).

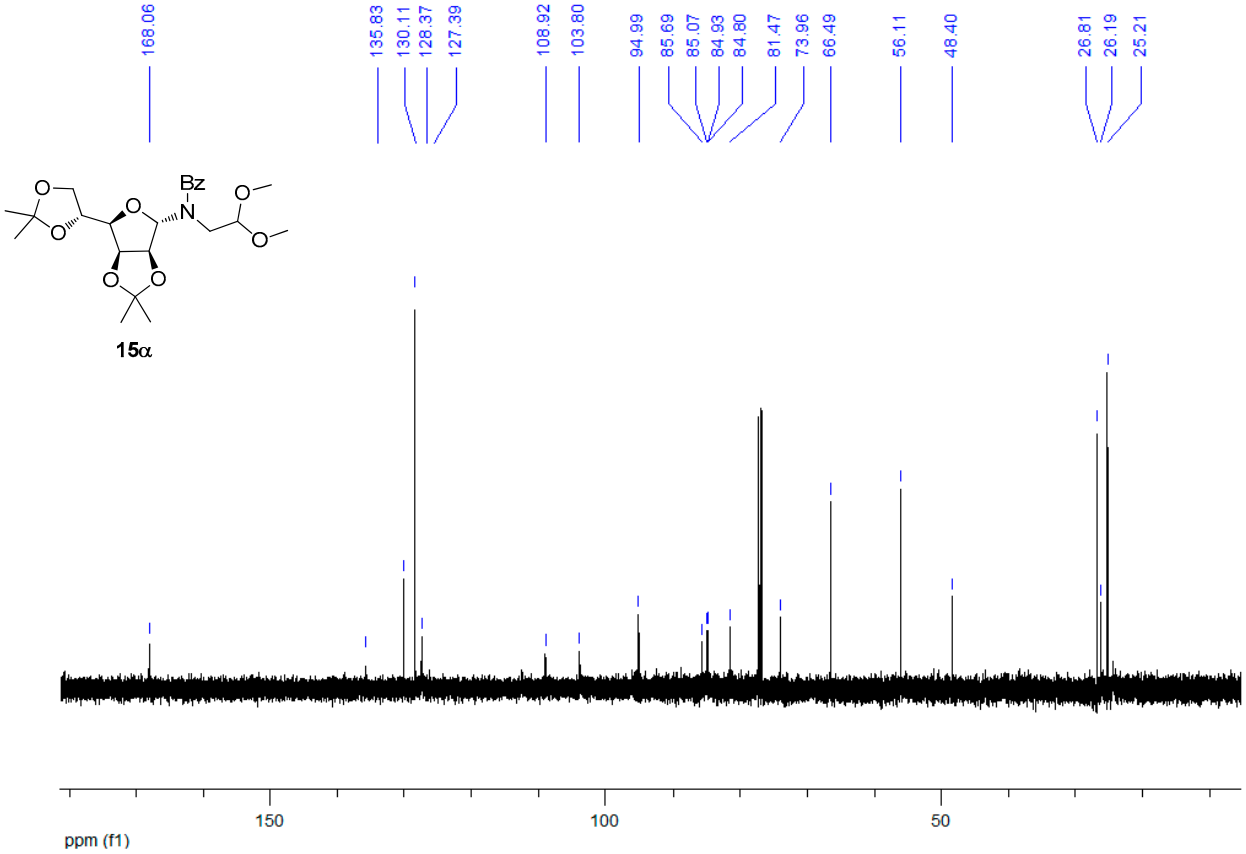

Figure S12. ^{13}C-NMR spectrum of compound **15α** (100 MHz, $CDCl_3$).

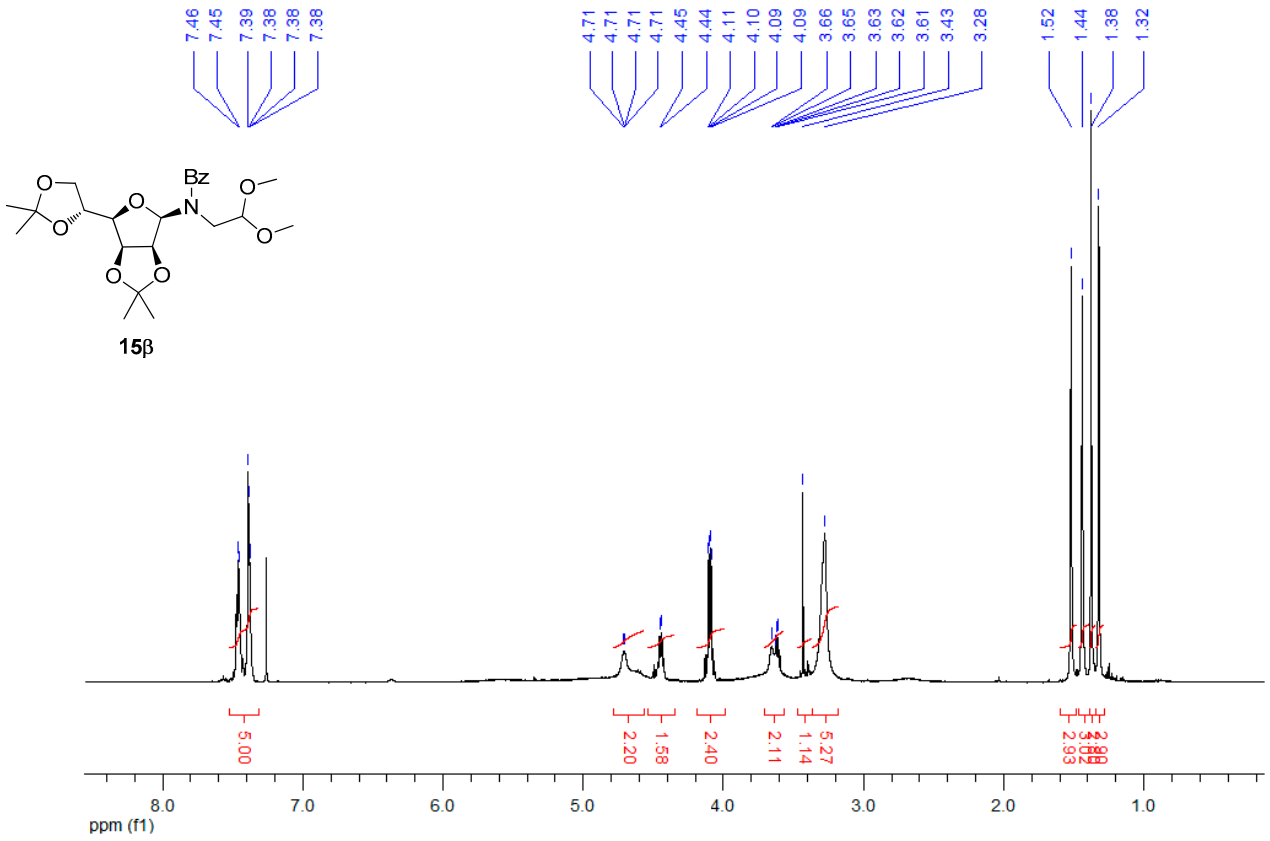

Figure S13. ^{1}H-NMR spectrum of compound **15β** (400 MHz, $CDCl_3$).

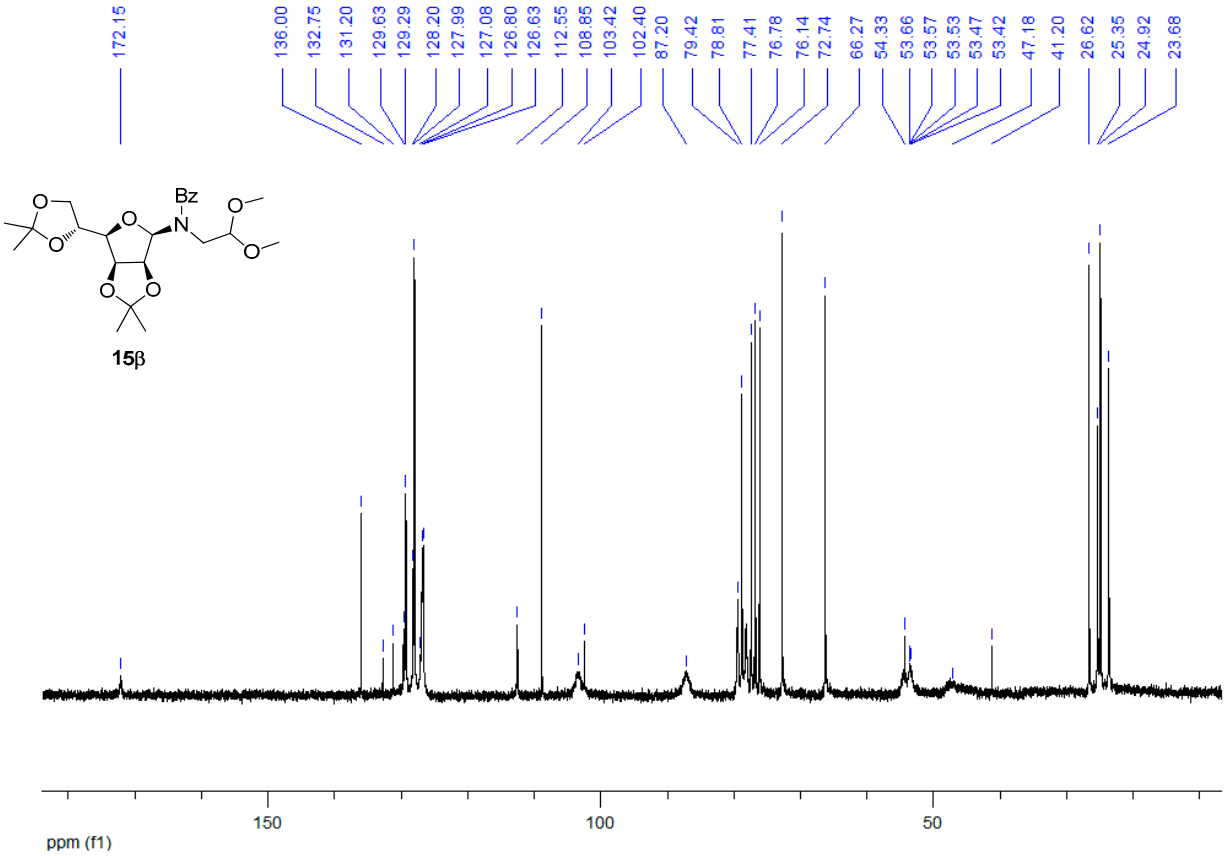

Figure S14. ^{13}C-NMR spectrum of compound **15β** (100 MHz, $CDCl_3$).

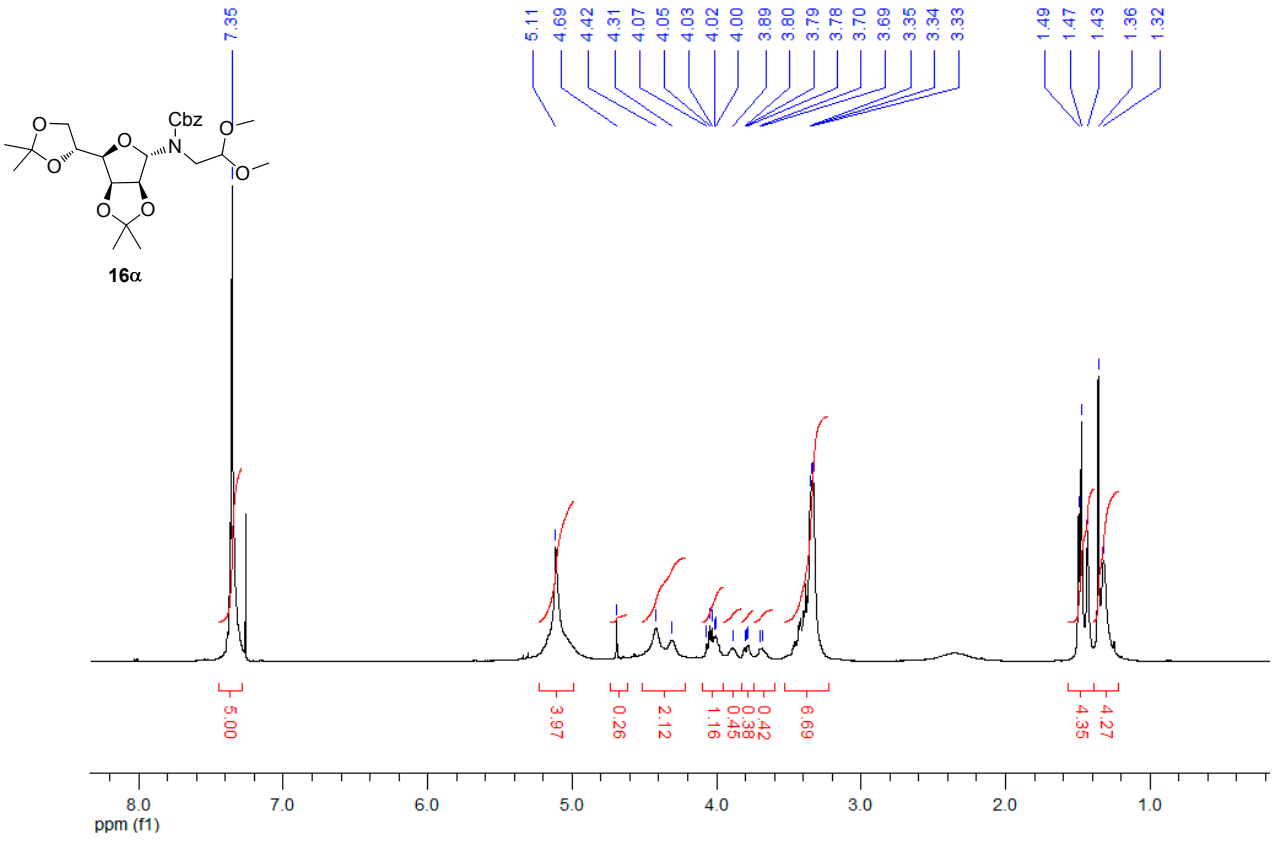

Figure S15. ^{1}H-NMR spectrum of compound **16*α*** (400 MHz, $CDCl_3$).

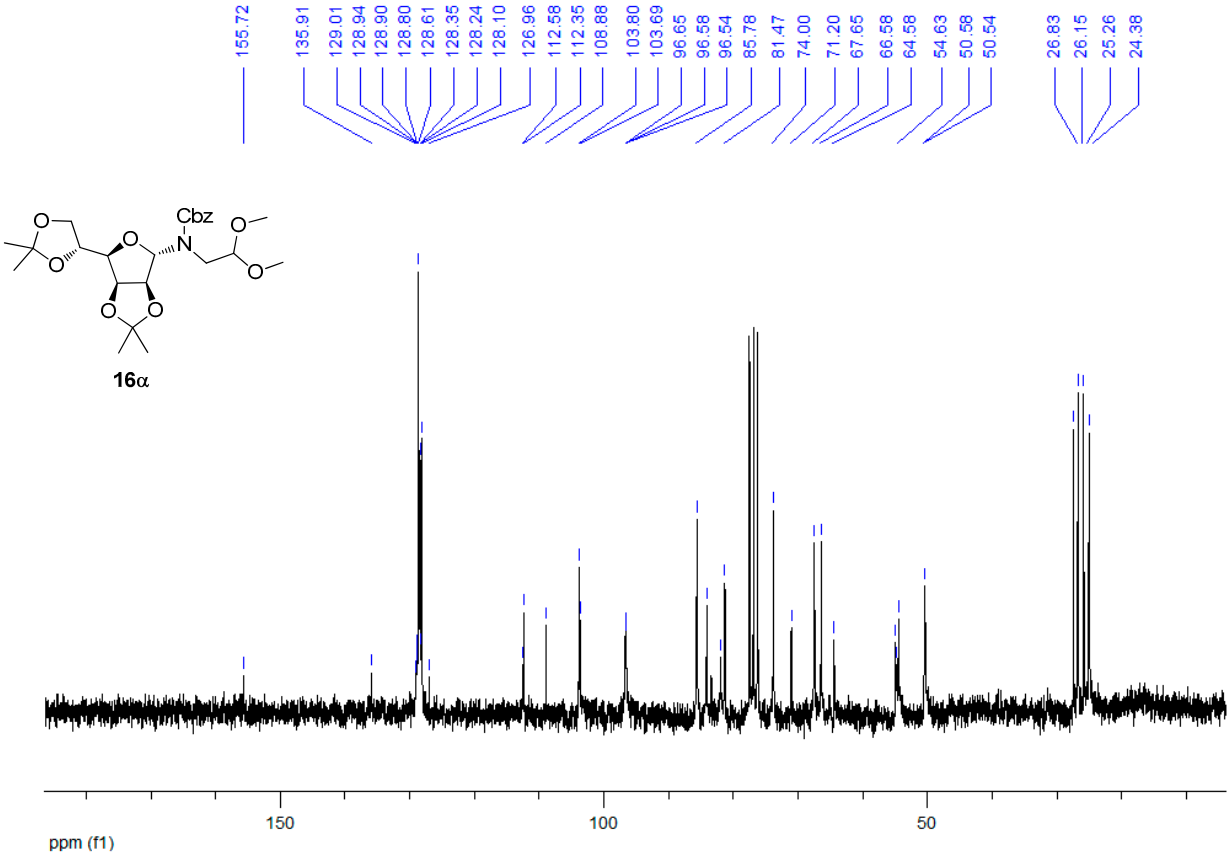

Figure S16. ^{13}C-NMR spectrum of compound **16*α*** (50 MHz, $CDCl_3$).

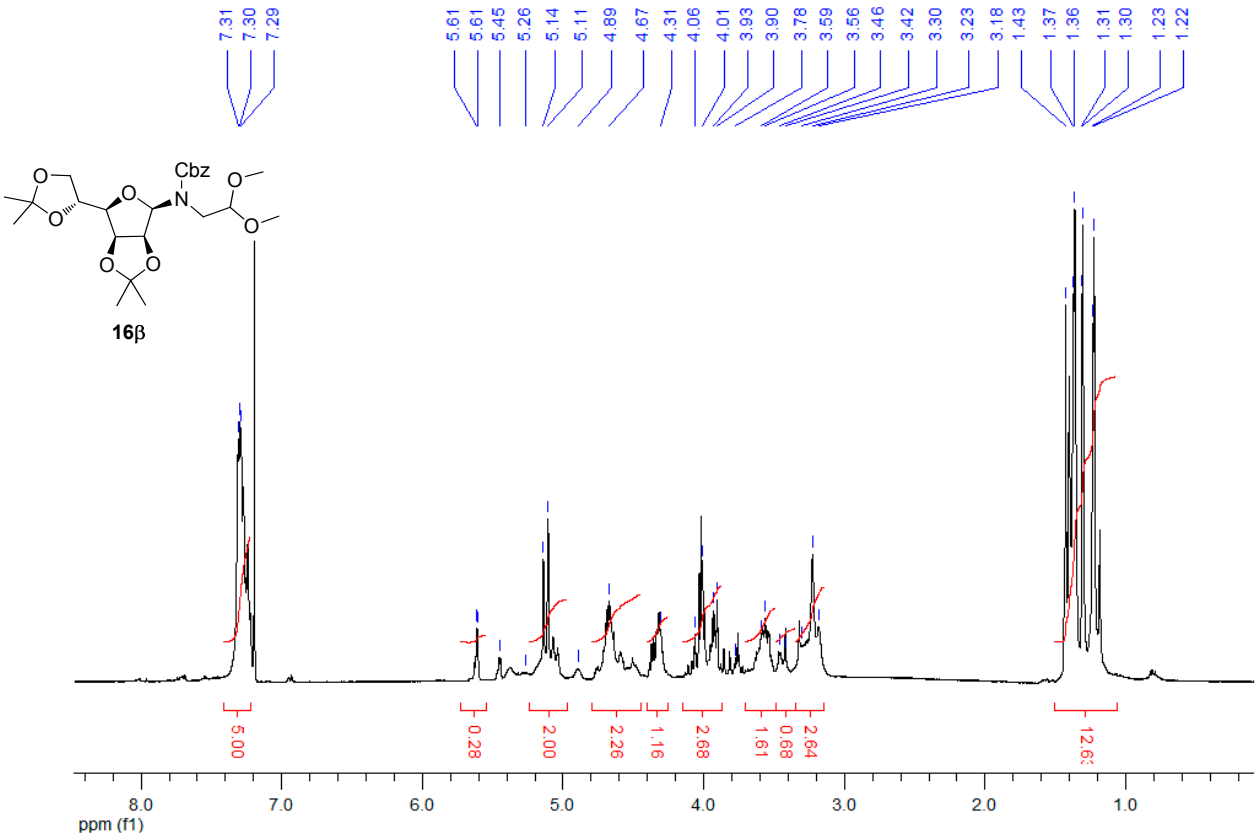

Figure S17. ^{1}H-NMR spectrum of compound **16β** (400 MHz, $CDCl_3$).

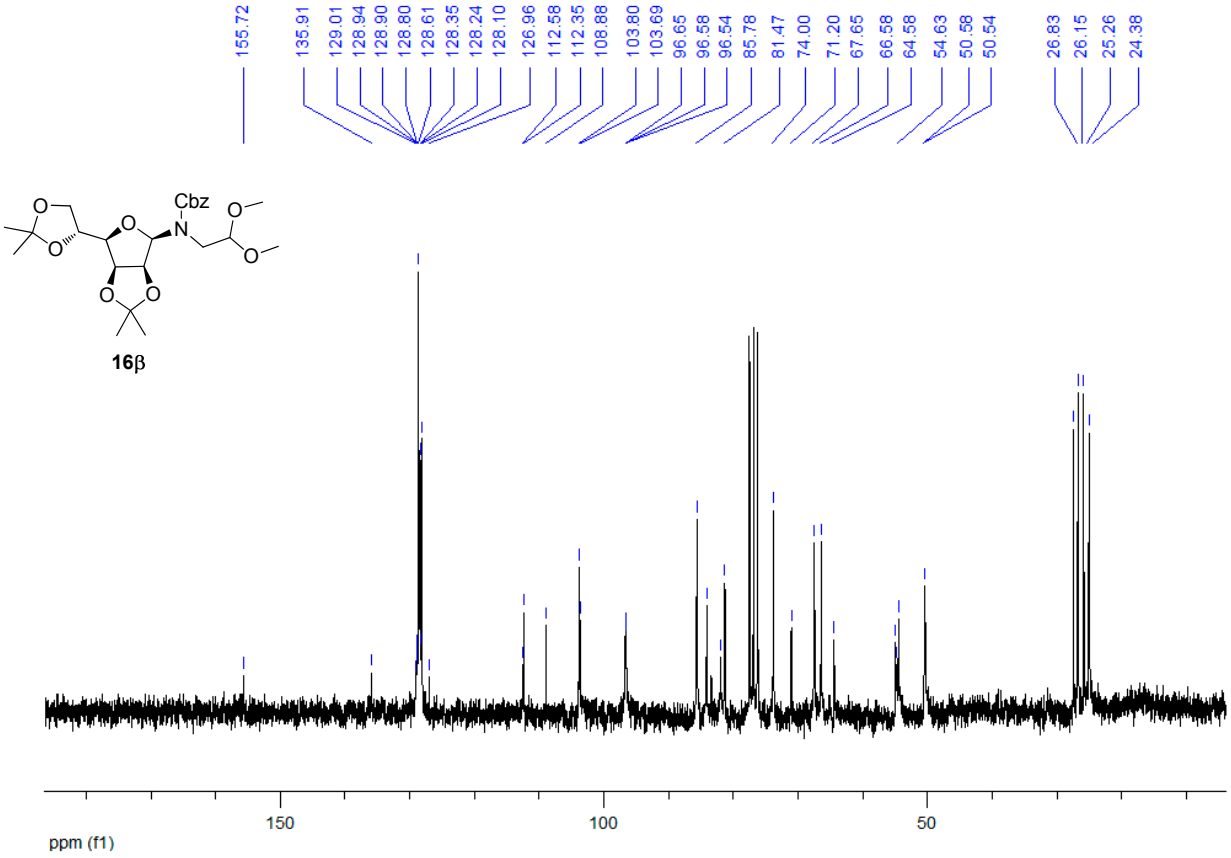

Figure S18. ^{13}C-NMR spectrum of compound **16β** (50 MHz, $CDCl_3$).

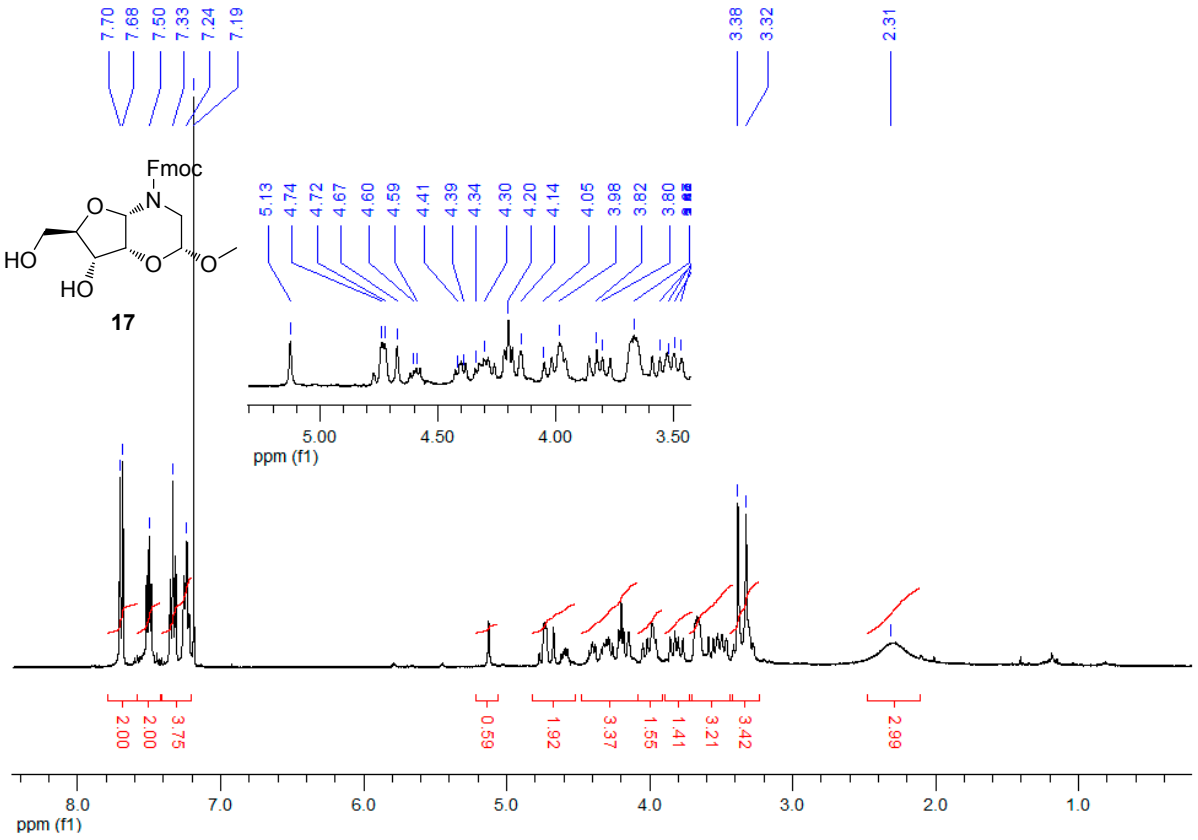

Figure S19. ^{1}H-NMR spectrum of compound **17** (400 MHz, $CDCl_3$).

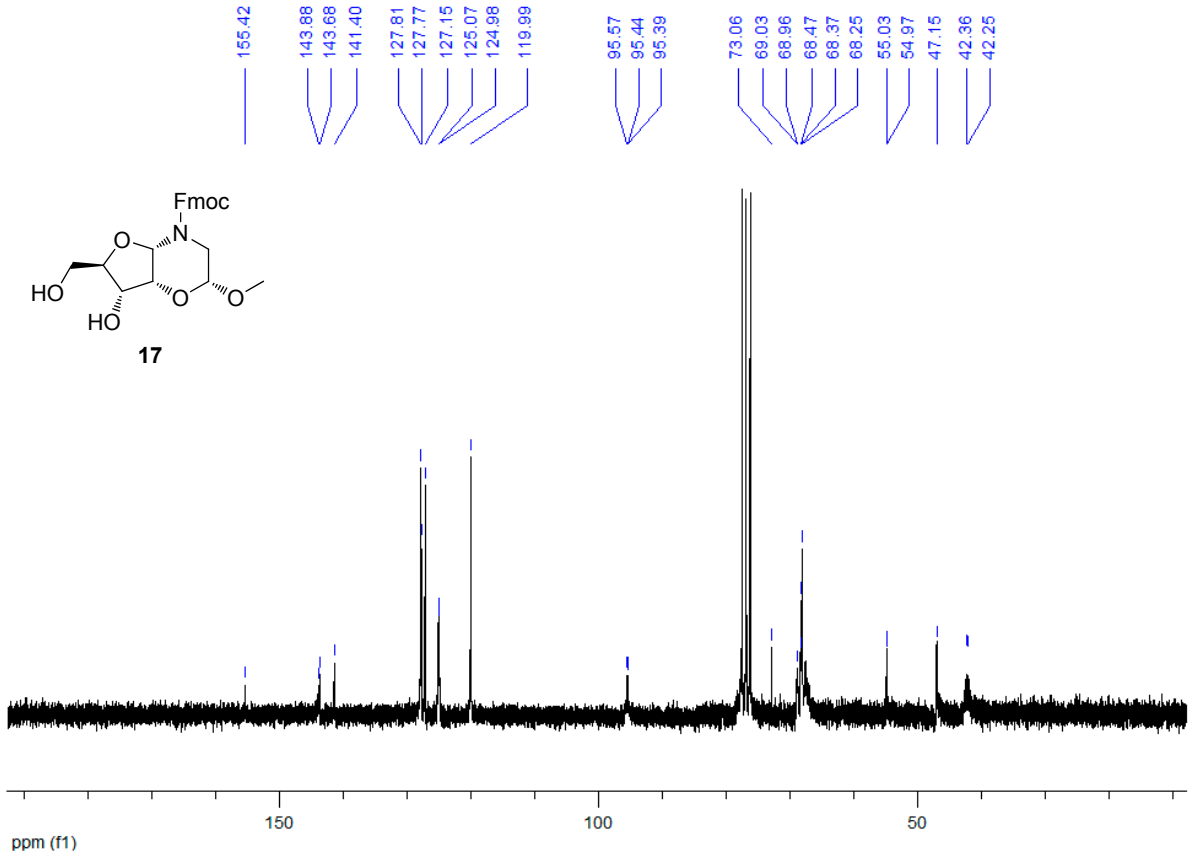

Figure S20. ^{13}C-NMR spectrum of compound **17** (100 MHz, $CDCl_3$).

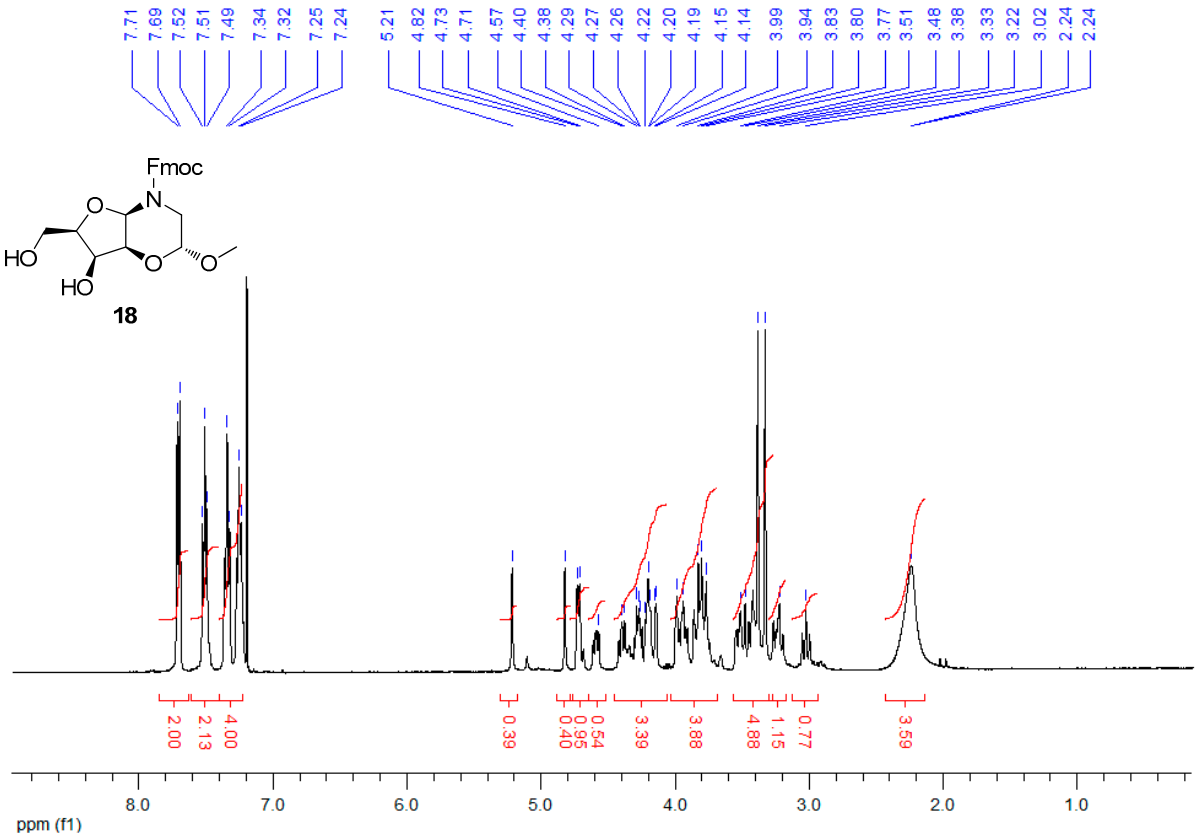

Figure S21. ^{1}H-NMR spectrum of compound **18** (400 MHz, $CDCl_3$).

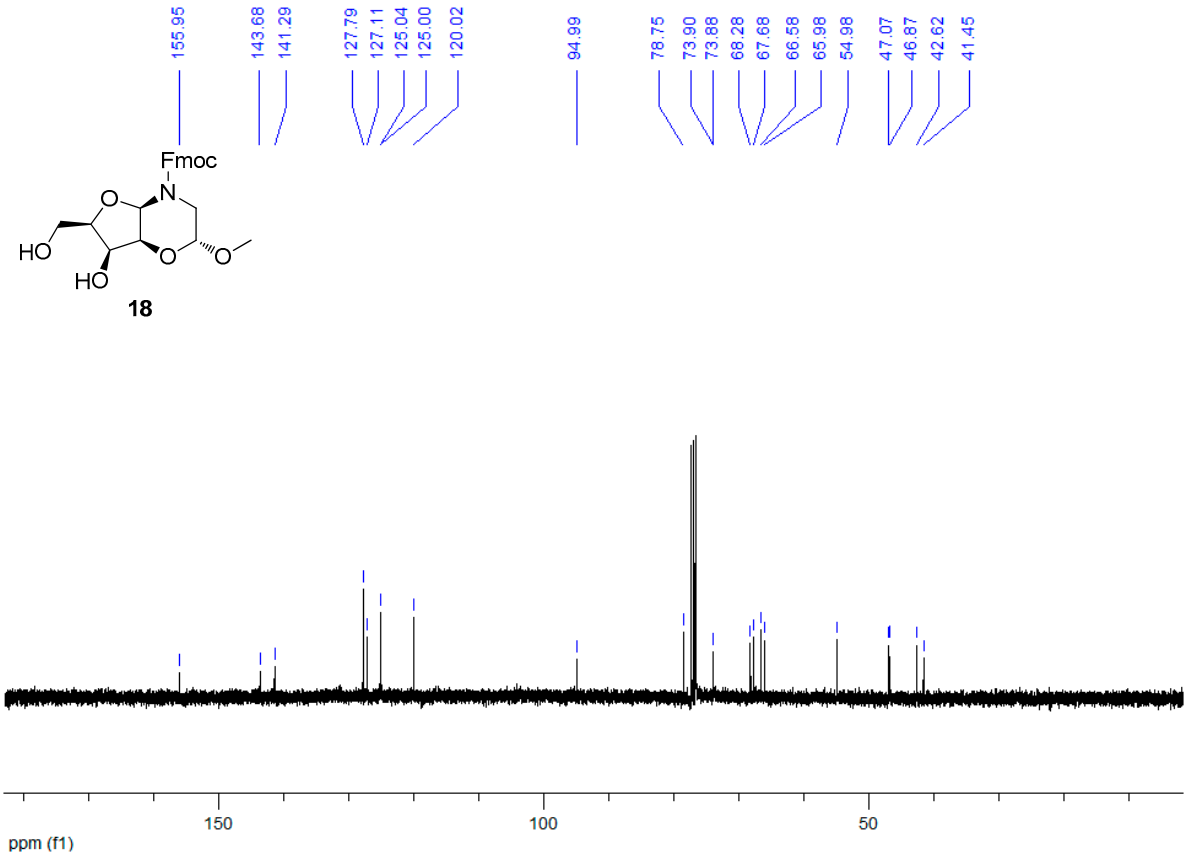

Figure S22. ^{13}C-NMR spectrum of compound **18** (100 MHz, $CDCl_3$).

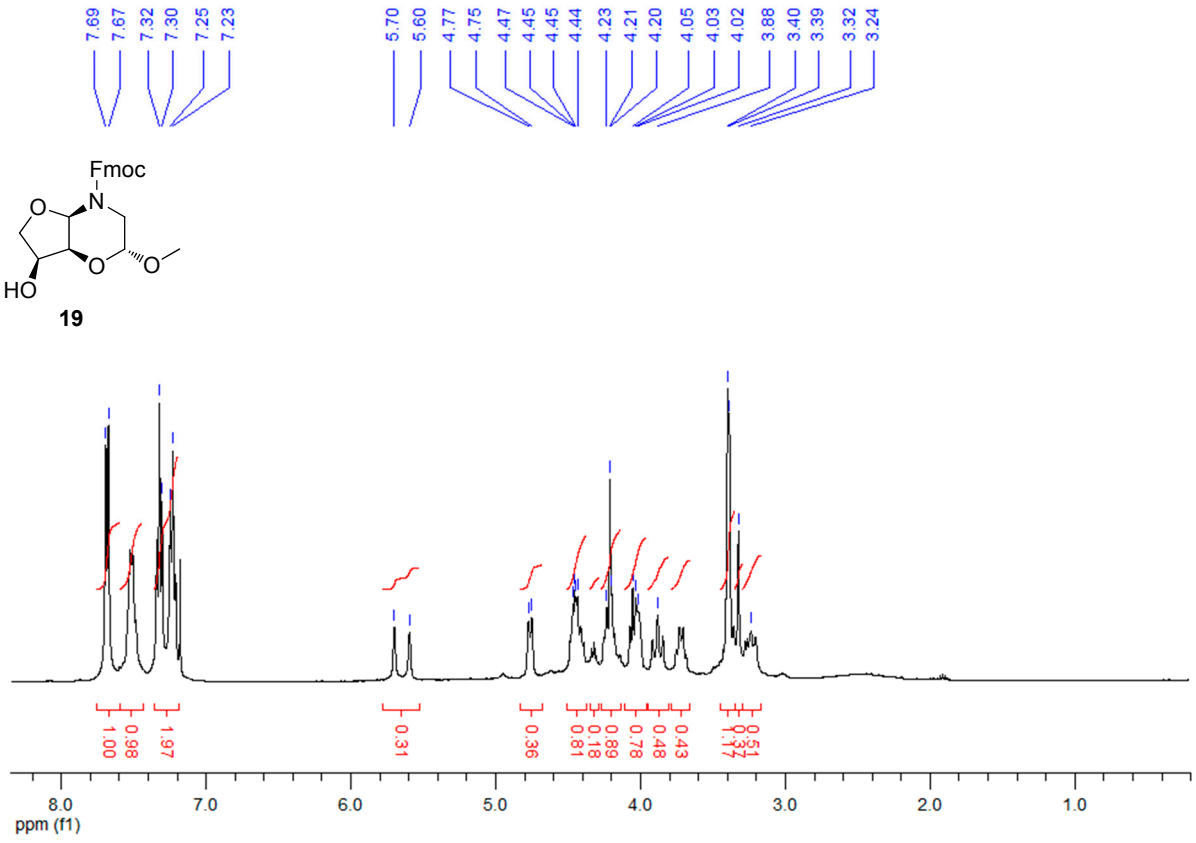

Figure S23. ^{1}H-NMR spectrum of compound **19** (400 MHz, $CDCl_3$).

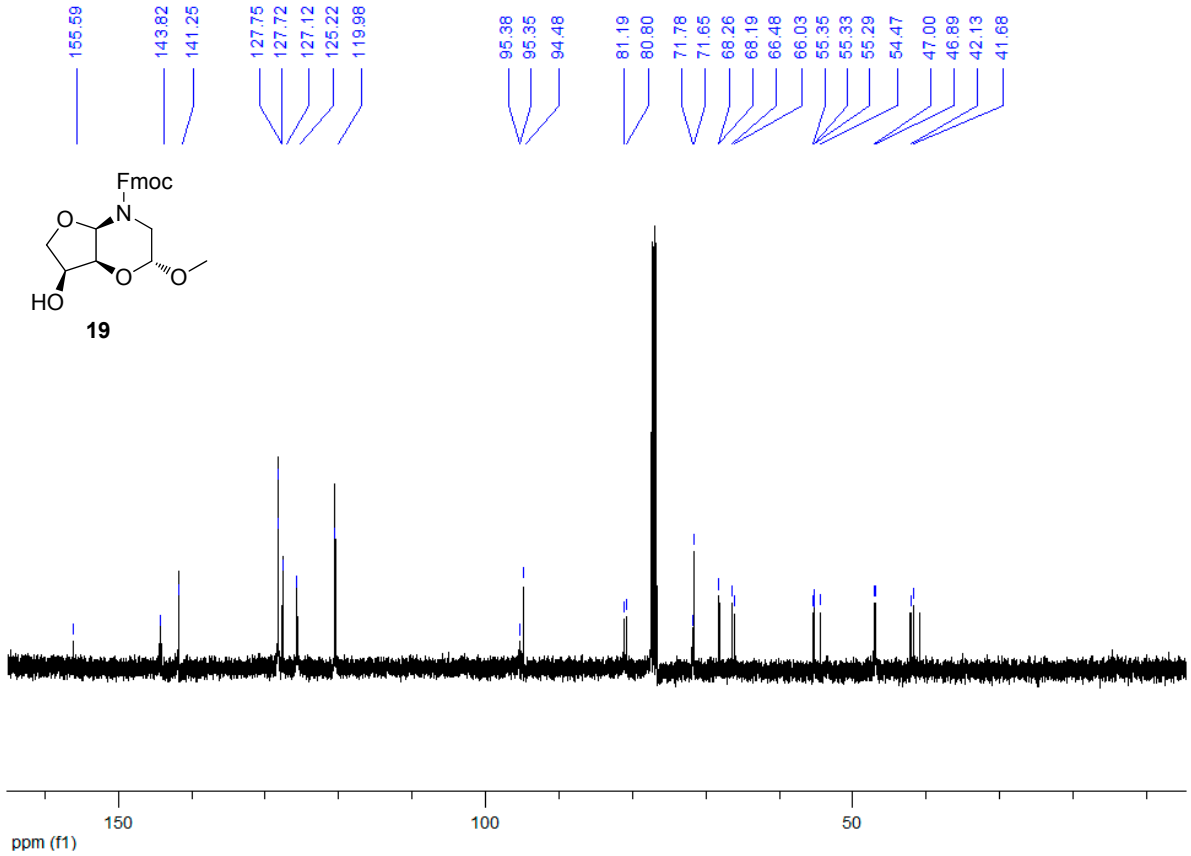

Figure S24. ^{13}C-NMR spectrum of compound **19** (100 MHz, $CDCl_3$).

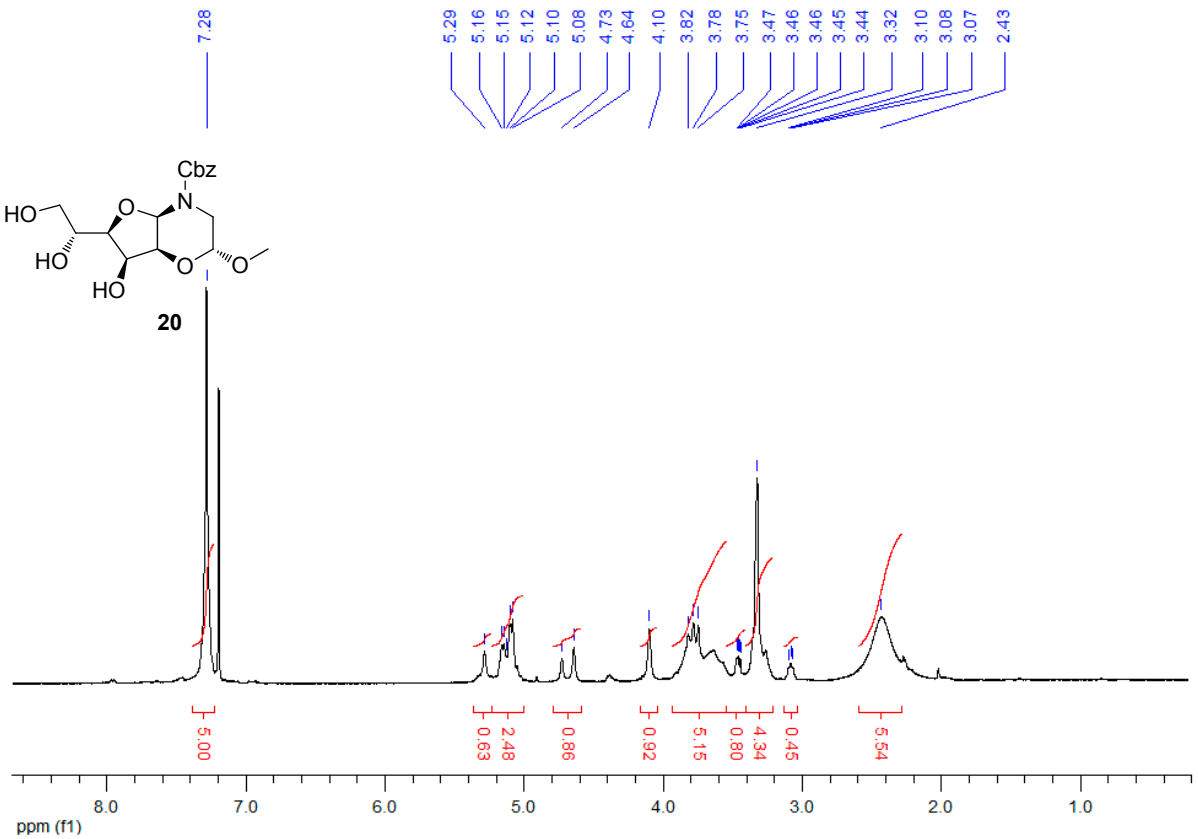

Figure S25. ^{1}H-NMR spectrum of compound **20** (400 MHz, $CDCl_3$).

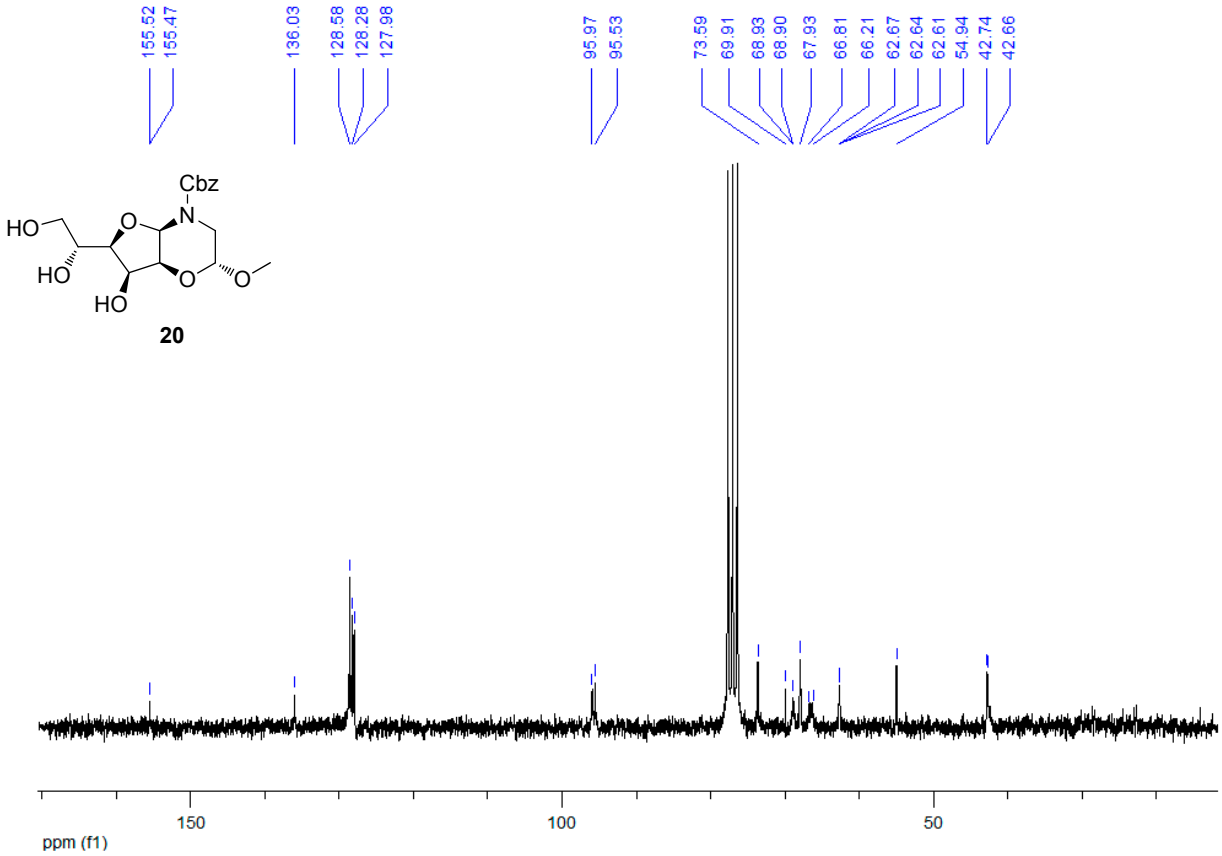

Figure S26. ^{13}C-NMR spectrum of compound **20** (50 MHz, $CDCl_3$).

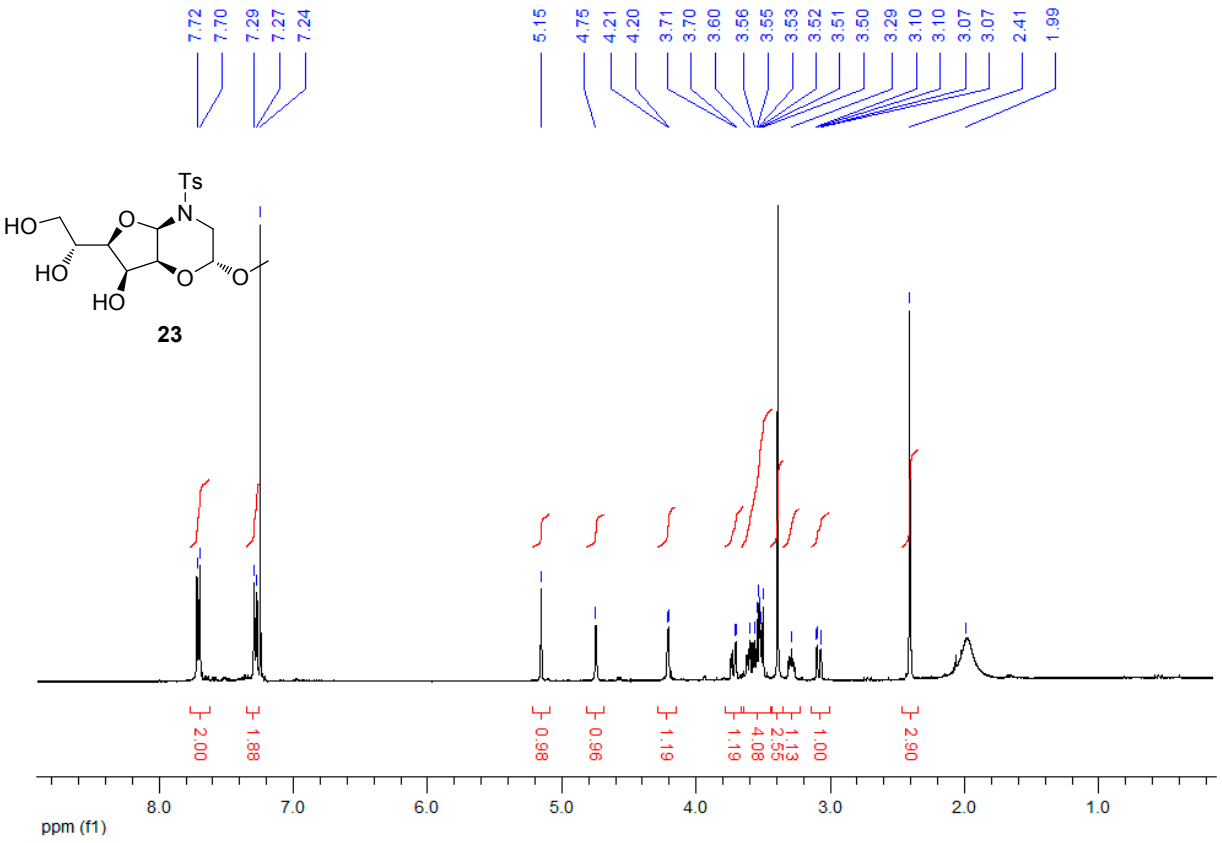

Figure S27. ^{1}H-NMR spectrum of compound **23** (400 MHz, $CDCl_3$).

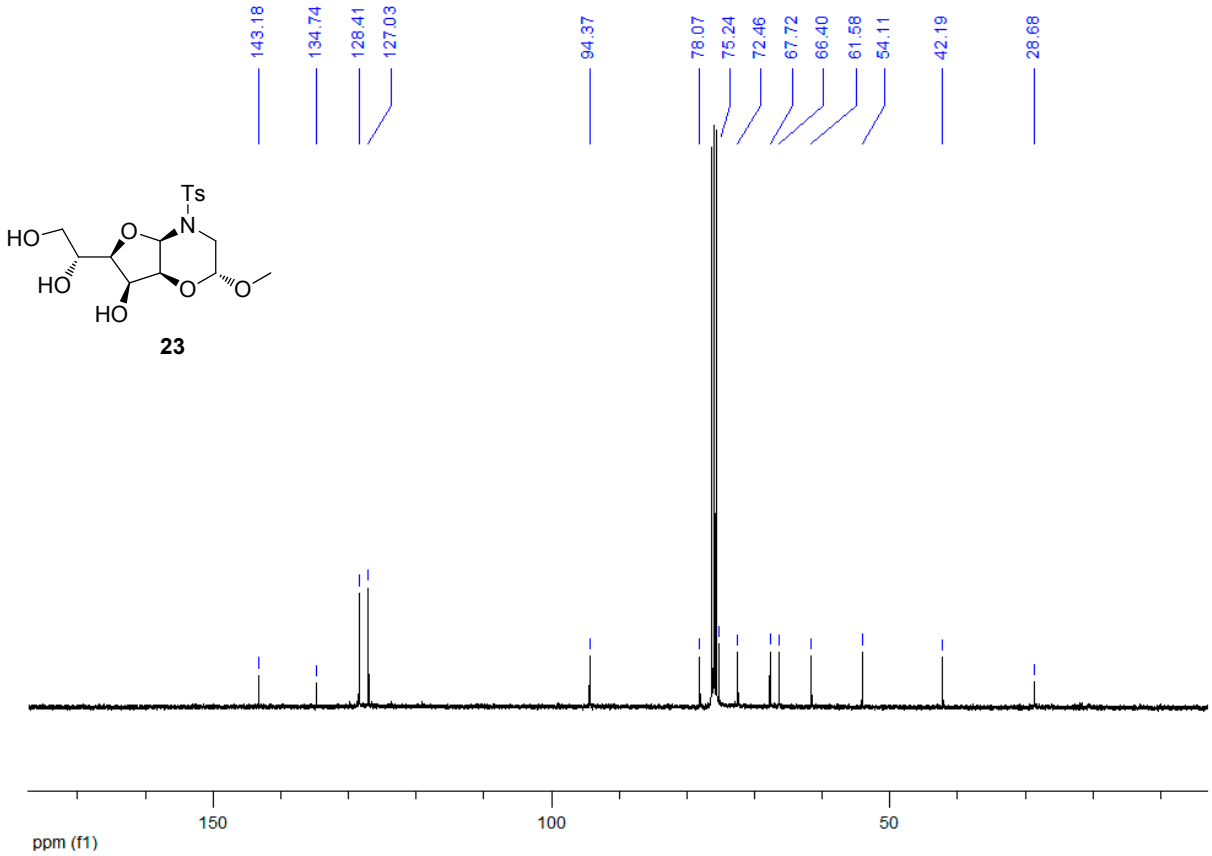

Figure S28. ^{13}C-NMR spectrum of compound **23** (100 MHz, $CDCl_3$).

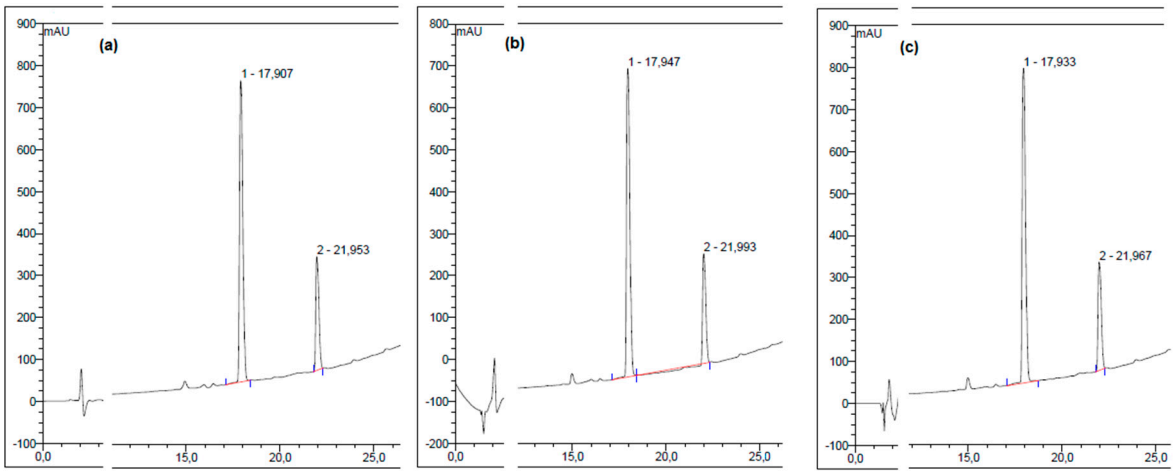

Figure S29. HPLC runs of compound **18** (0.5 mg/mL, final conc.) after 1h incubation in (a) CH_3CN; (b) 1:1 mixture of CH_3CN and HCl 1M; (c) 1:1 mixture of MeOH and HCl 1M. A 0.1 mg/mL quantity (final conc.) of benzophenone (rt = 22 min) was used as an internal standard.

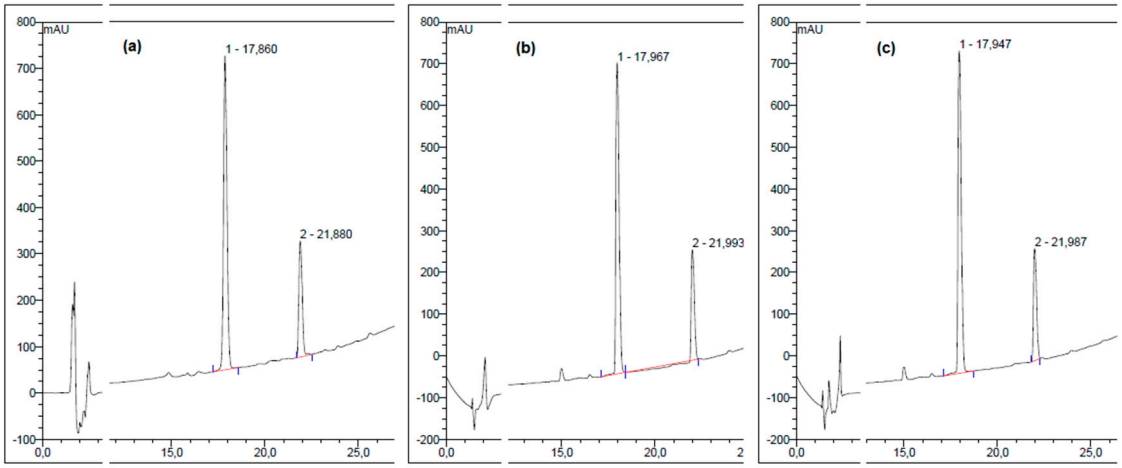

Figure S30. HPLC runs of compound **18** (0.5 mg/mL, final conc.) after 24h incubation in (a) CH_3CN; (b) 1:1 mixture of CH_3CN and HCl 1M; (c) 1:1 mixture of MeOH and HCl 1M. A 0.1 mg/mL quantity (final conc.) of benzophenone (rt = 22 min) was used as an internal standard.