

Supplementary Information for

**Ether Solvent-induced Chirality Inversion of Helical
Poly(quinoxaline-2,3-diyl)s Containing L-Lactic Acid Derived Side
Chains**

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1 NMR Spectra of New Compounds

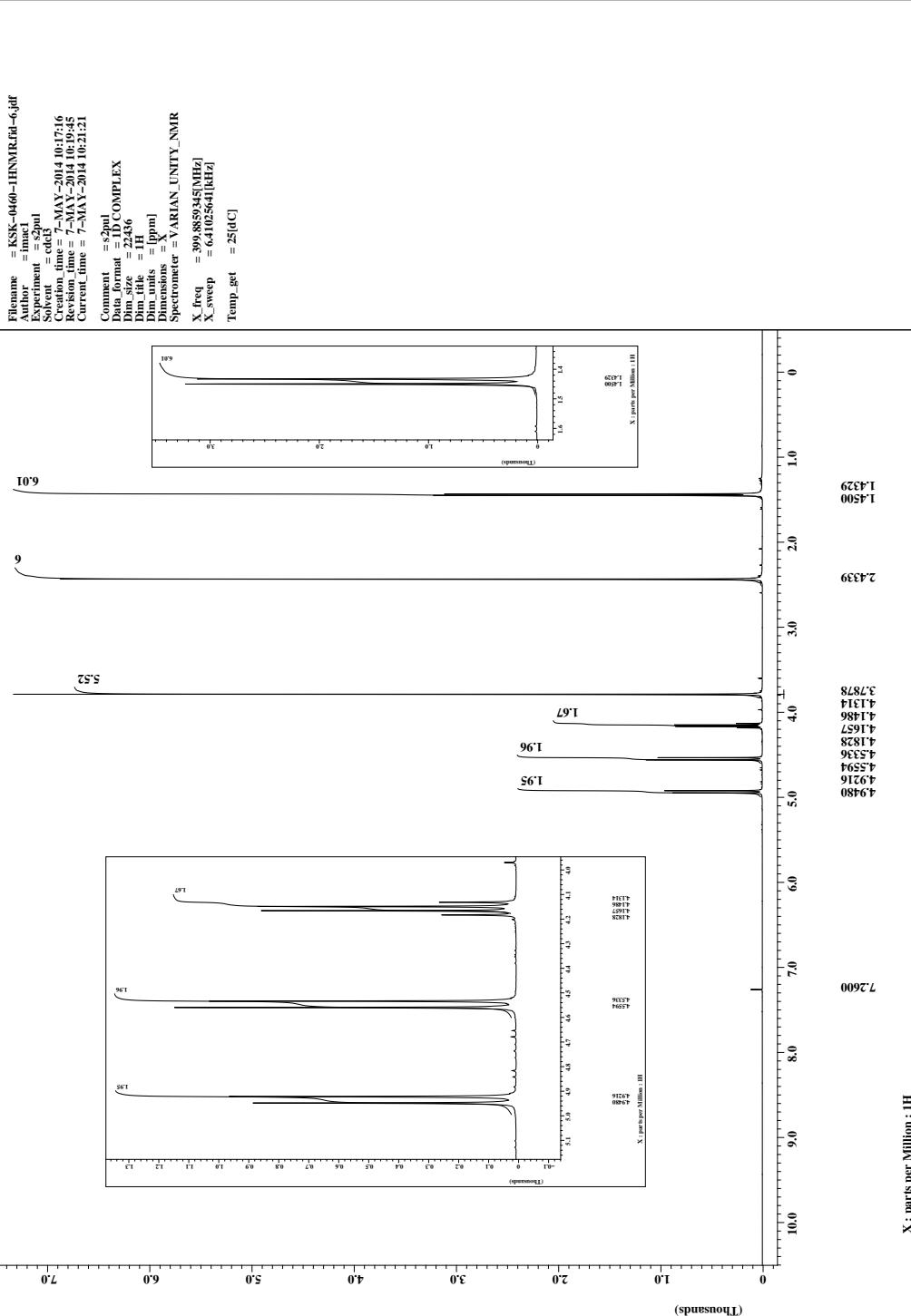


Figure S3. ¹H NMR spectrum of M1-NO₂ in CDCl_3 .

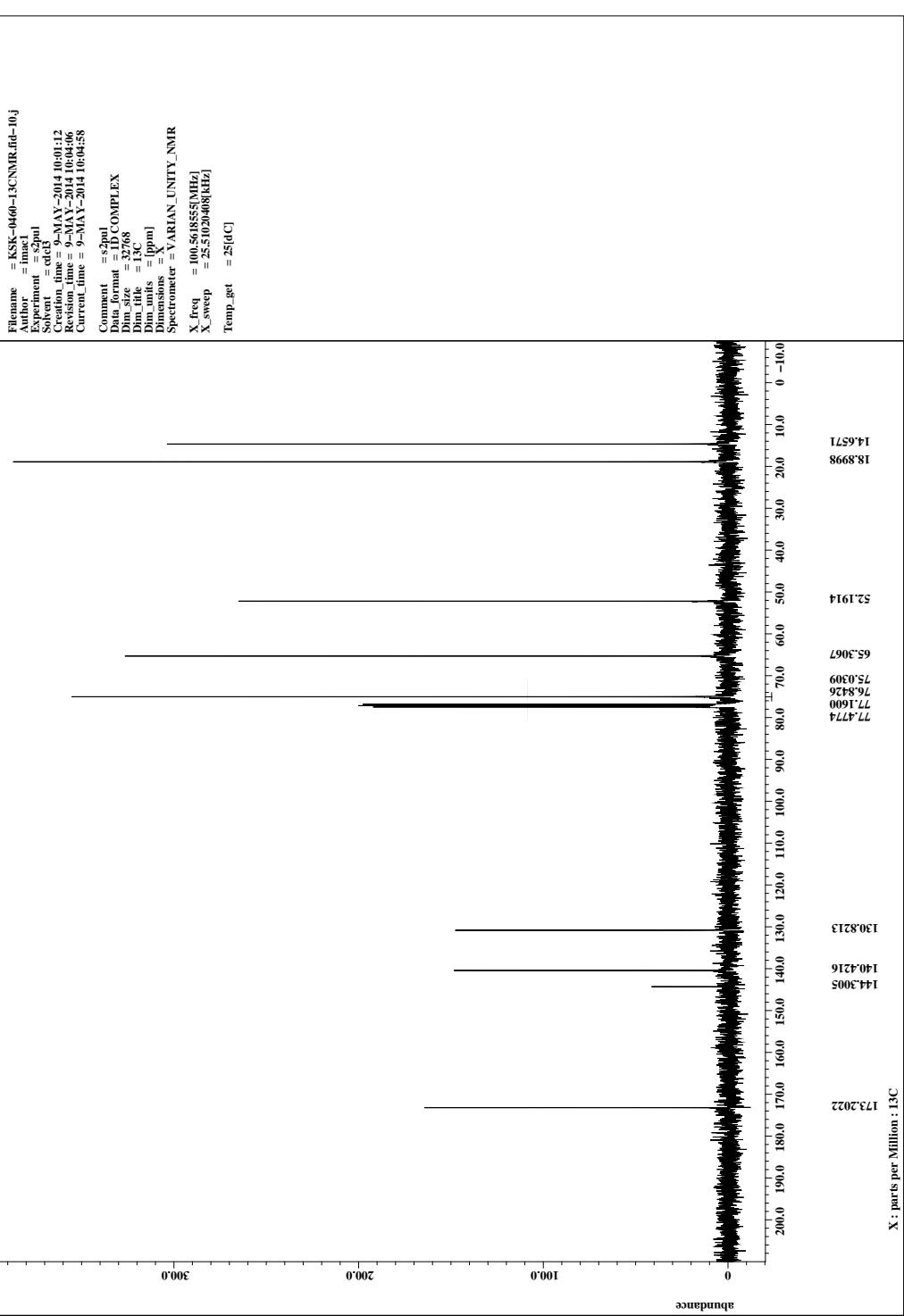


Figure S4. ^{13}C NMR spectrum of **M1-NO₂** in CDCl_3 .

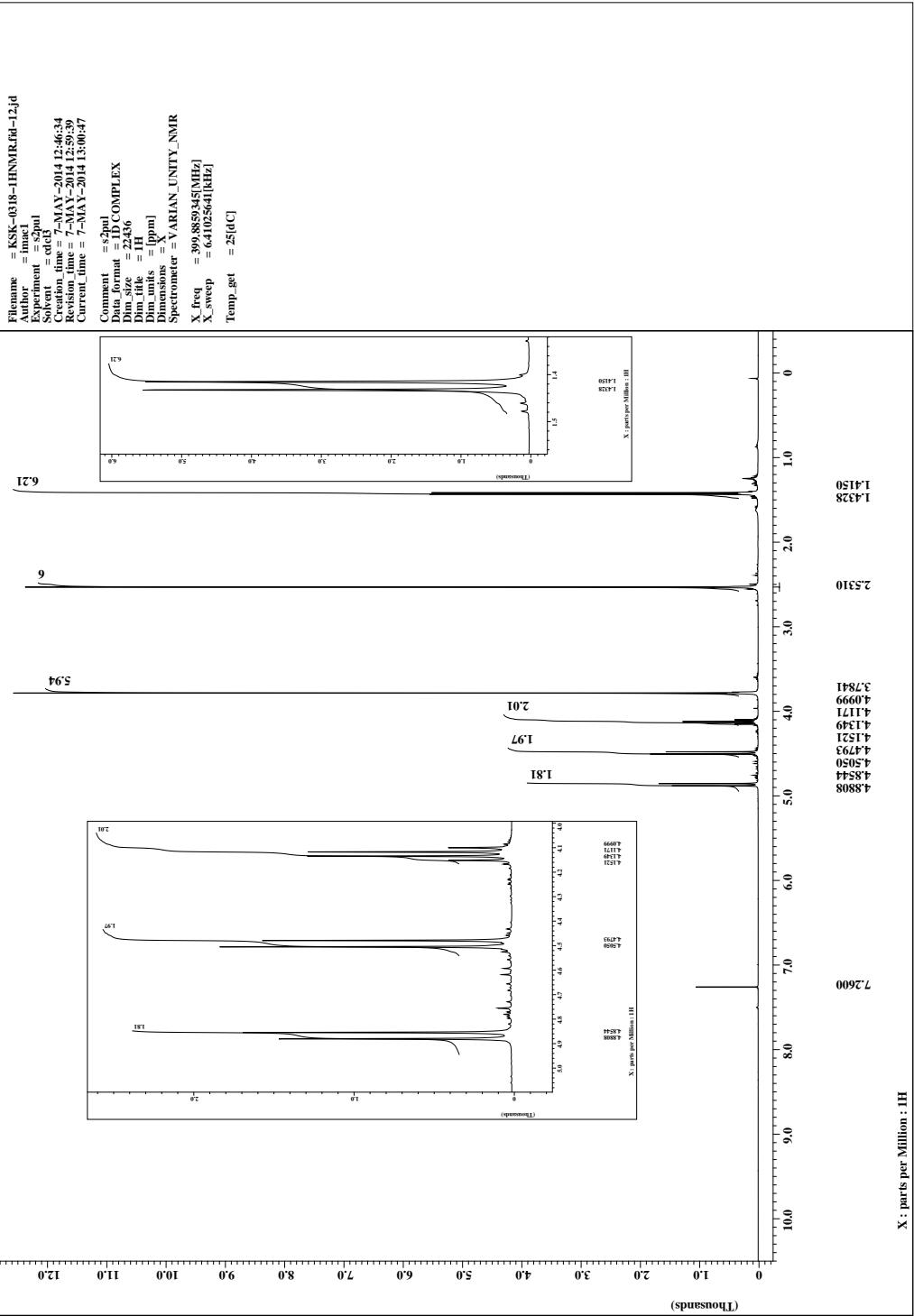


Figure S5. ^1H NMR spectrum of **M1-NC** in C_6D_6 .

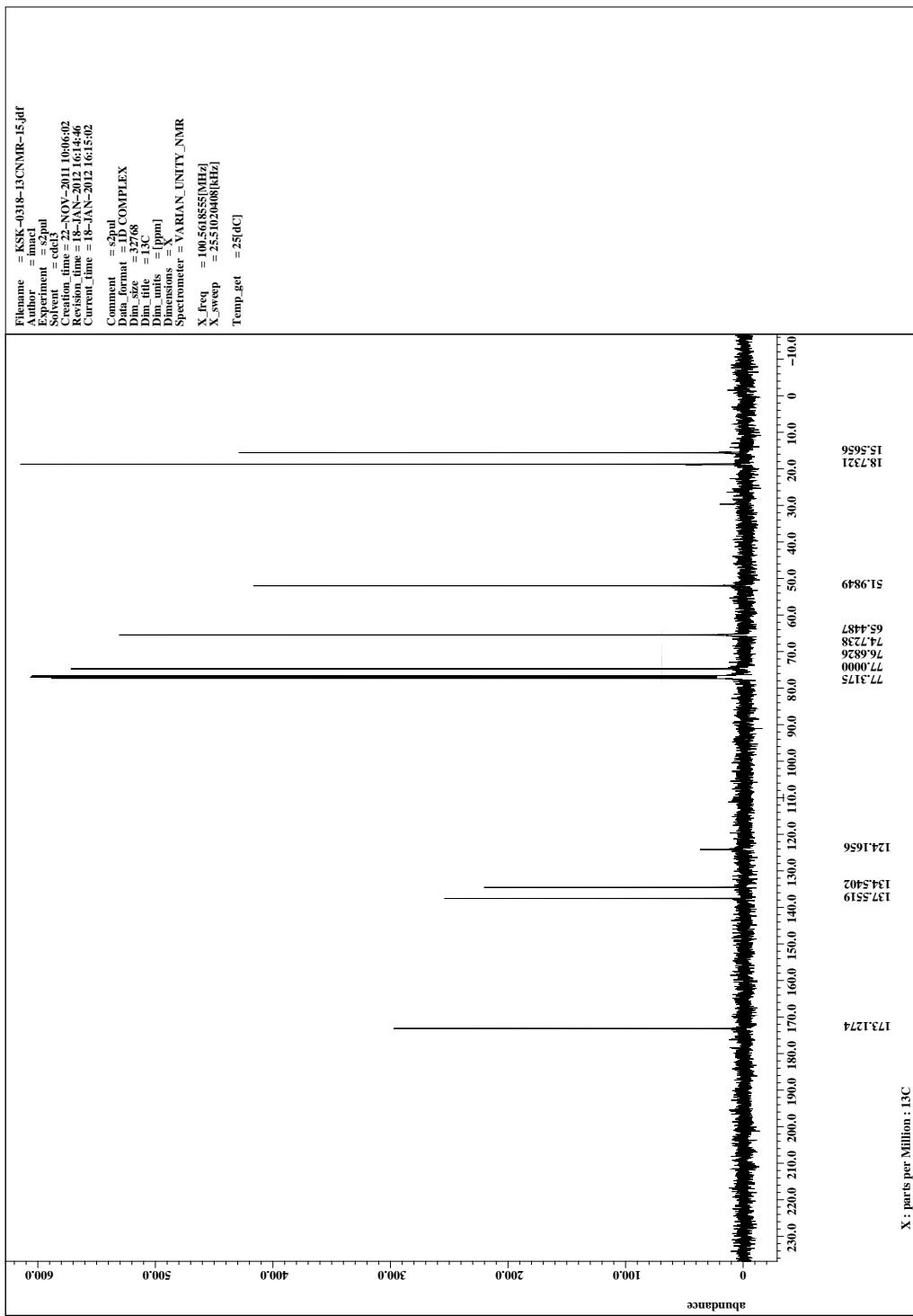
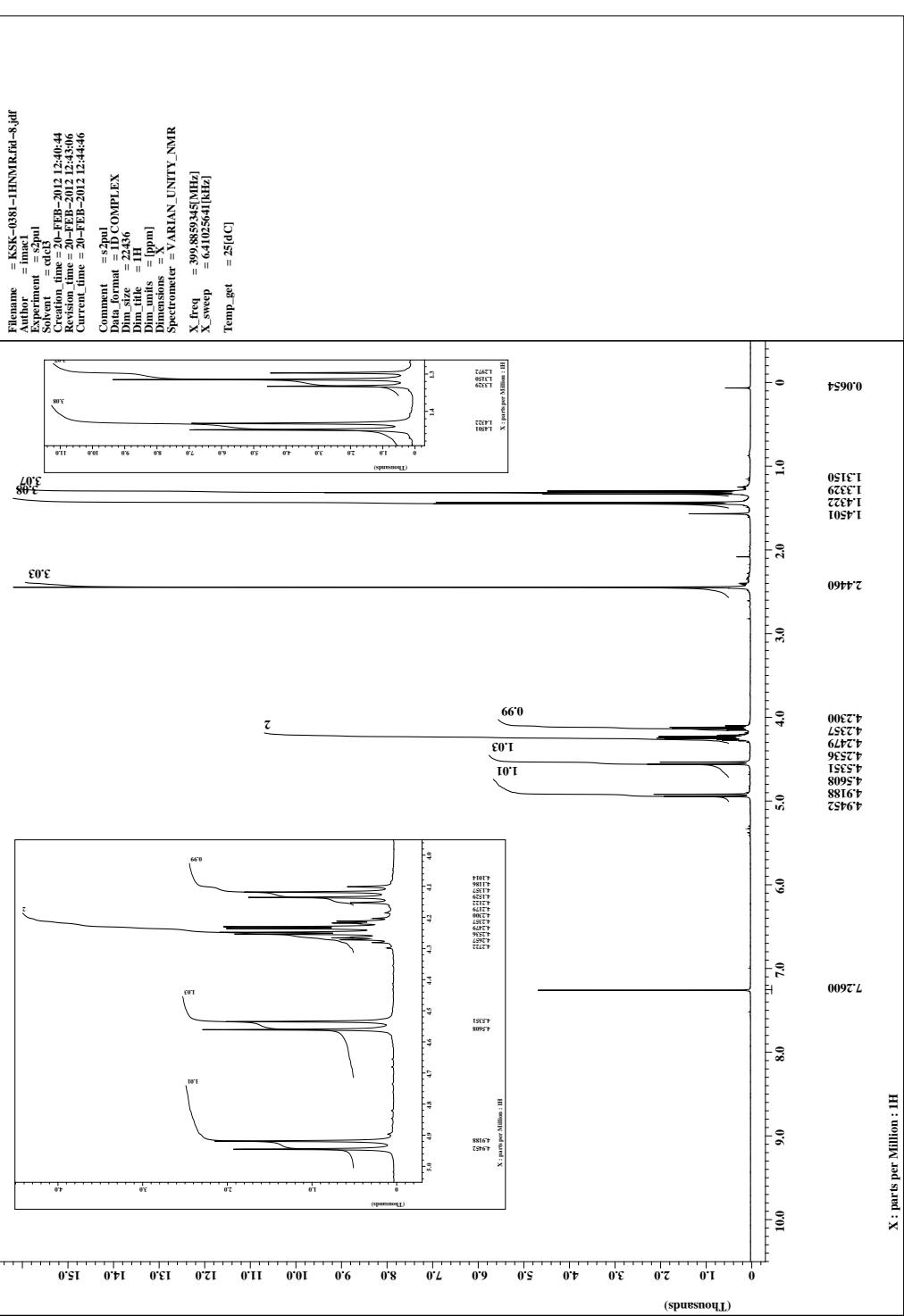


Figure S6. ^{13}C NMR spectrum of **M1-NC** in C_6D_6 .



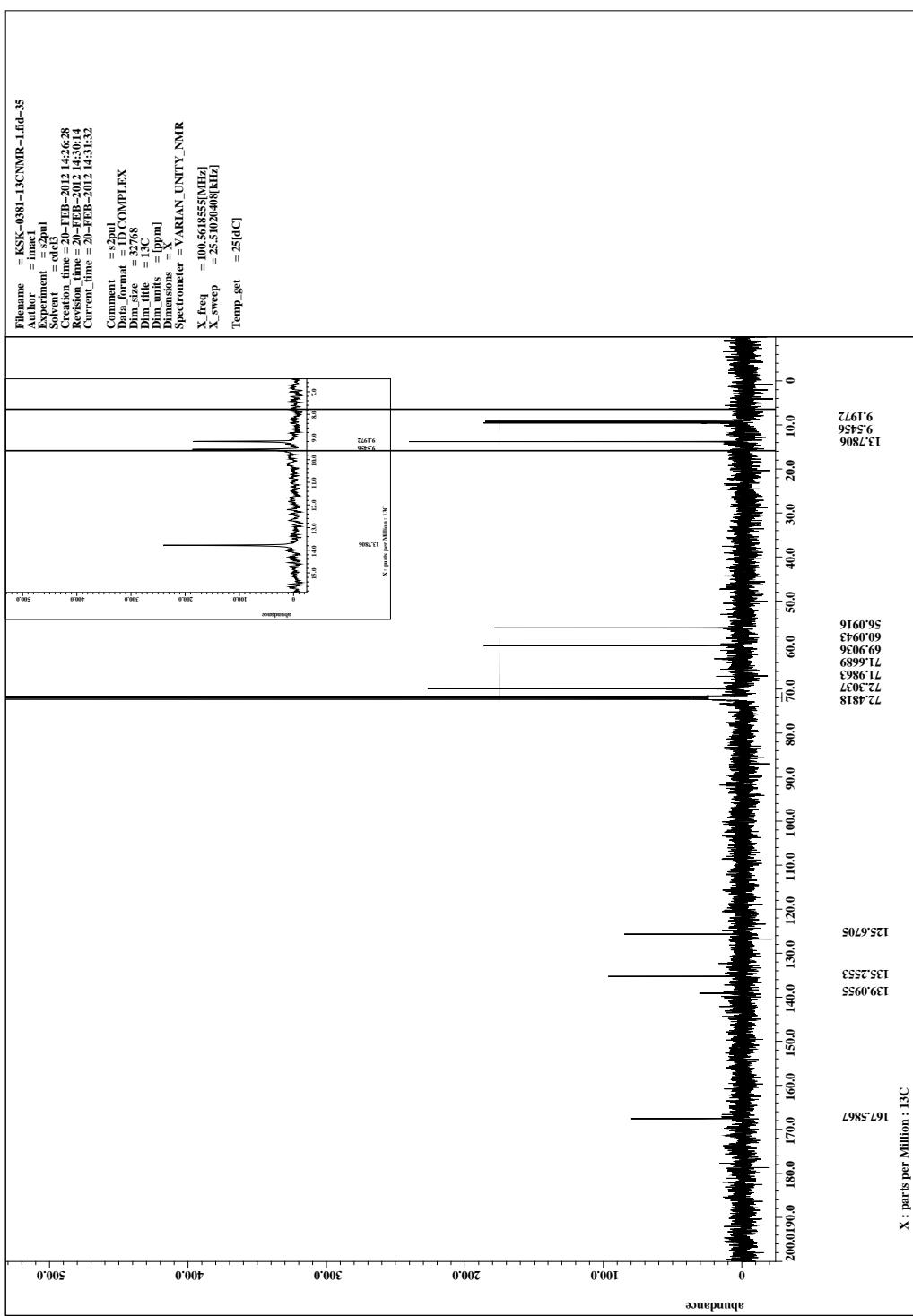
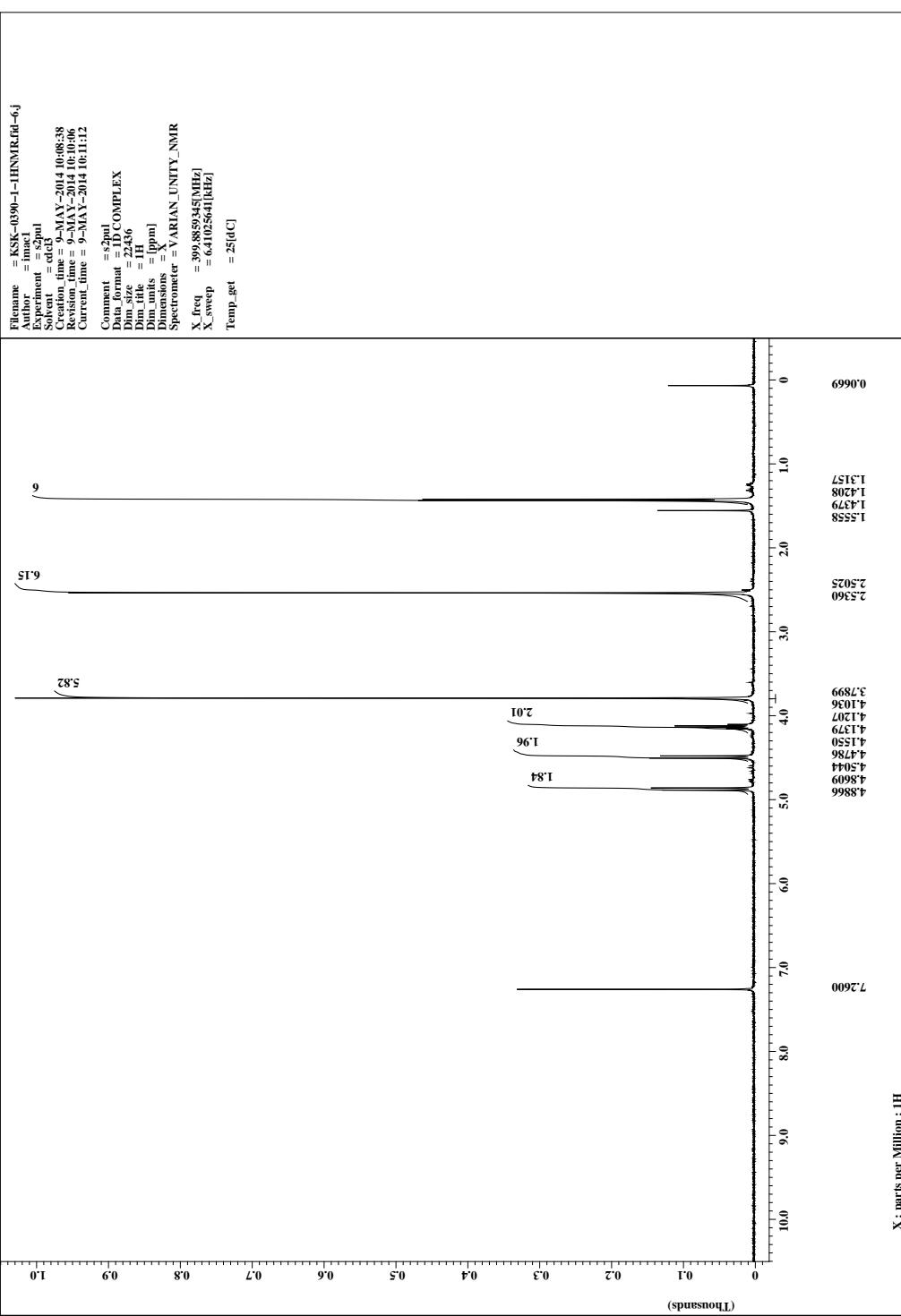


Figure S8. ^{13}C NMR spectrum of M2-NO₂ in CDCl₃.



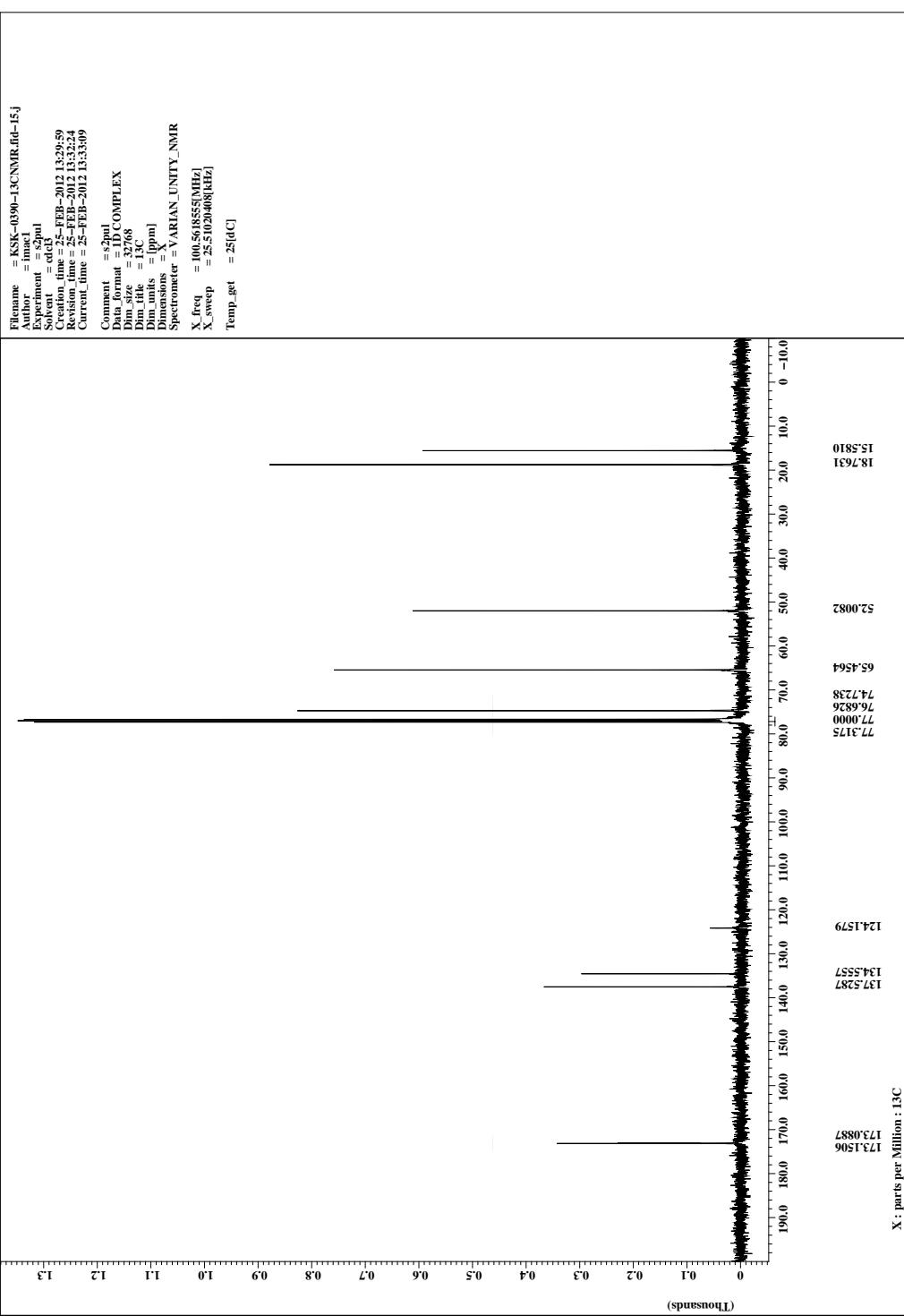


Figure S10. ^{13}C NMR spectrum of **M2-NC** in C_6D_6 .

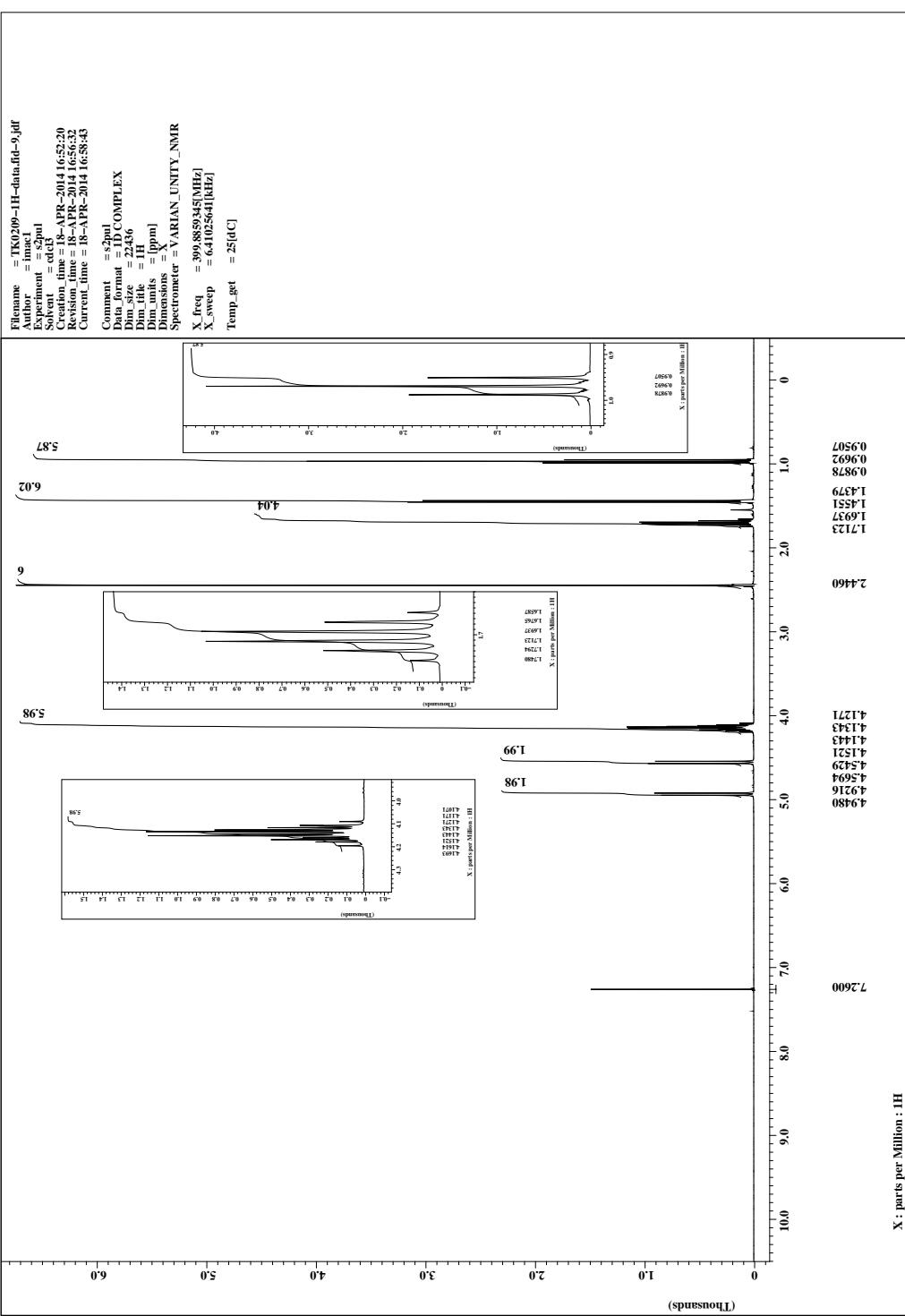


Figure S11. ^1H NMR spectrum of **M3-NO₂** in CDCl_3 .

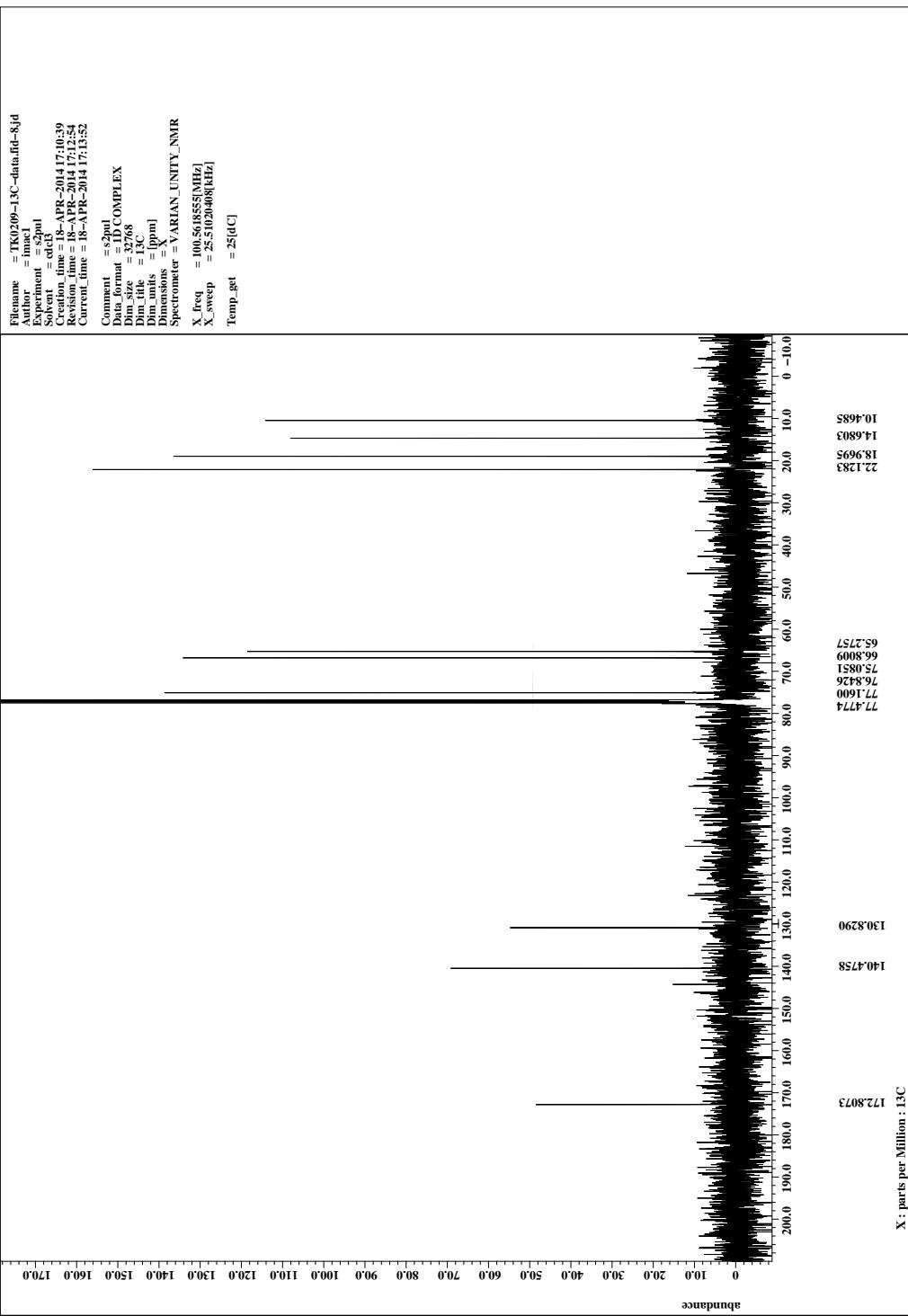


Figure S12. ^{13}C NMR spectrum of M3-NO_2 in CDCl_3 .

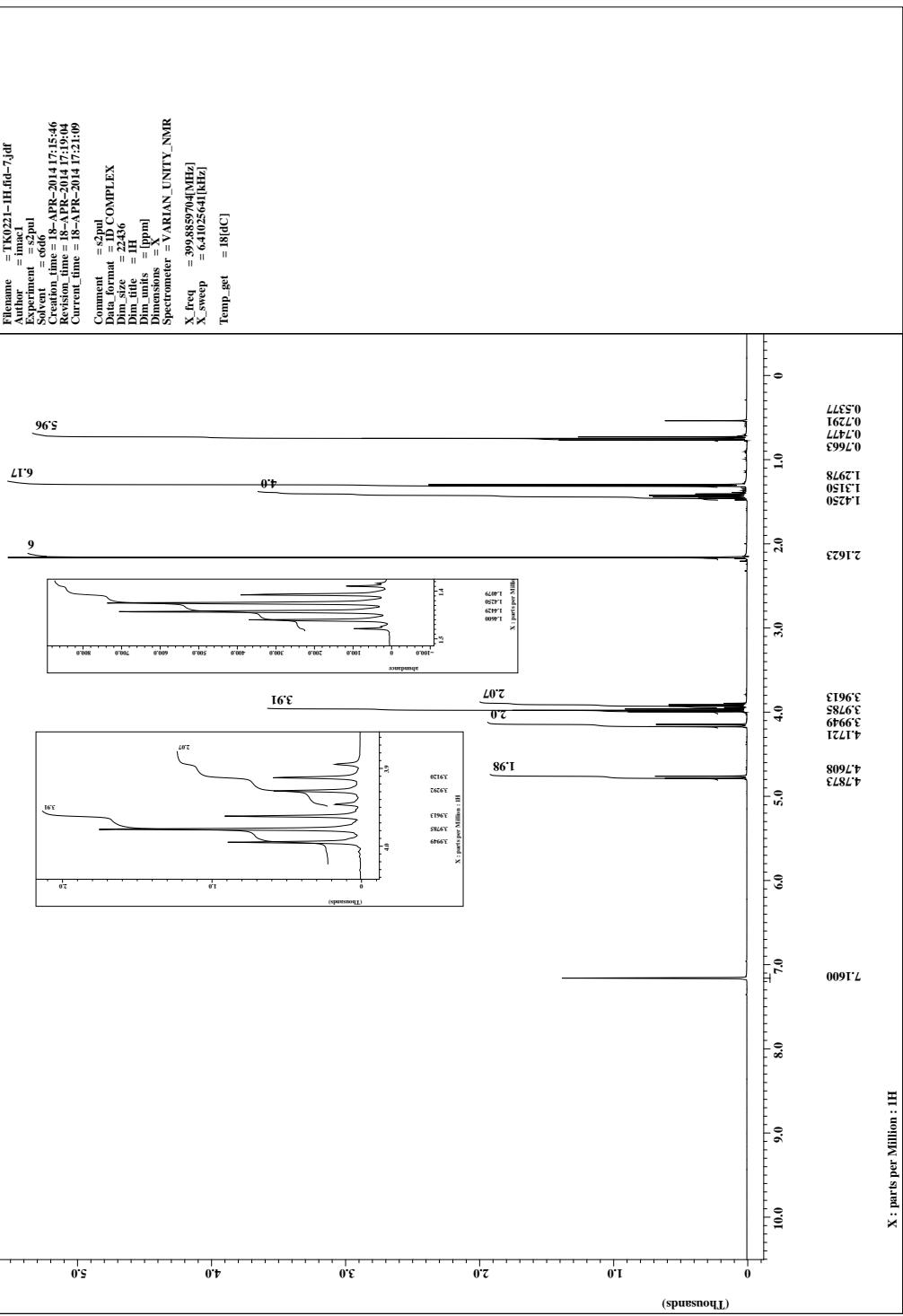


Figure S13. ^1H NMR spectrum of **M3-NC** in C_6D_6 .

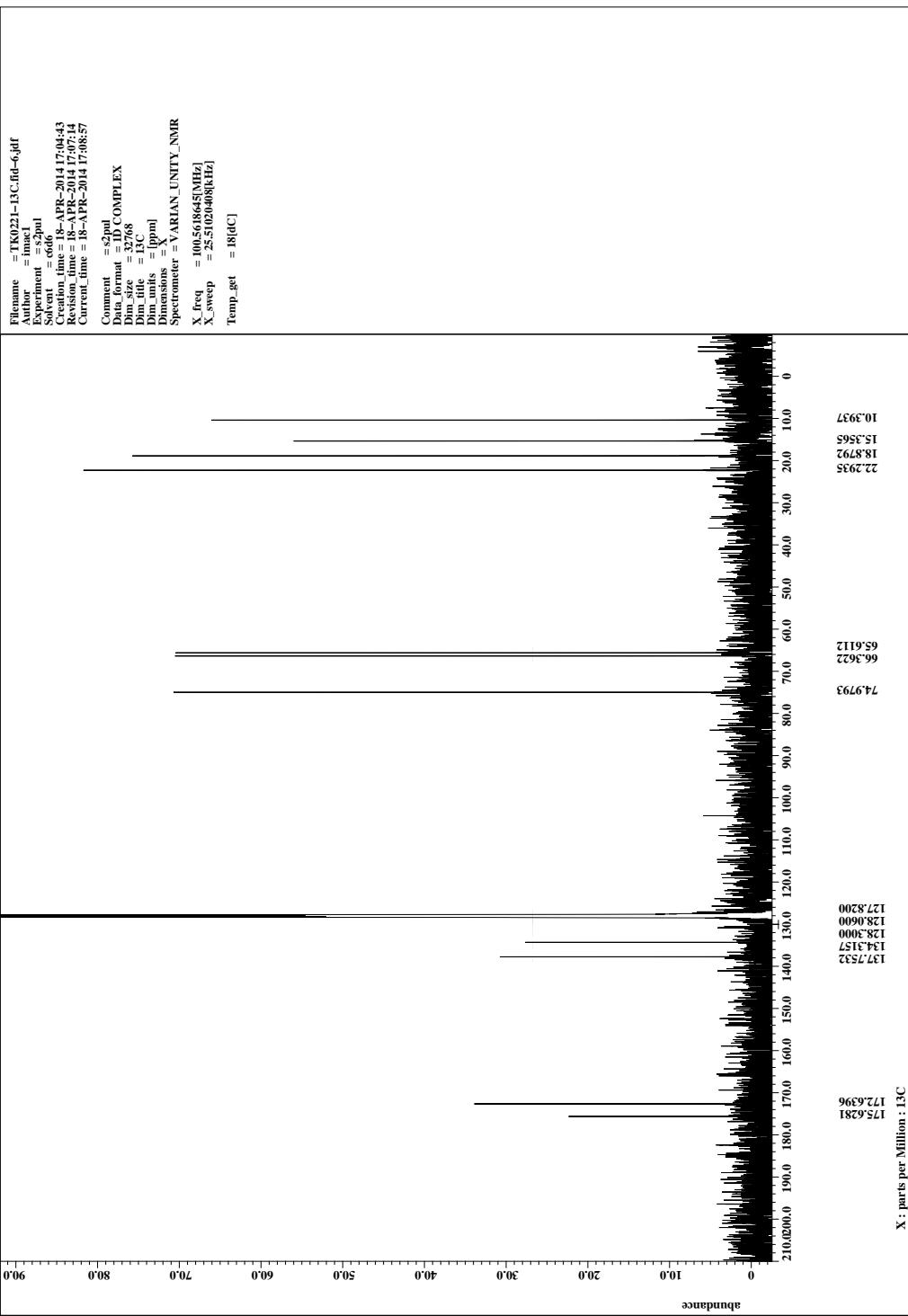
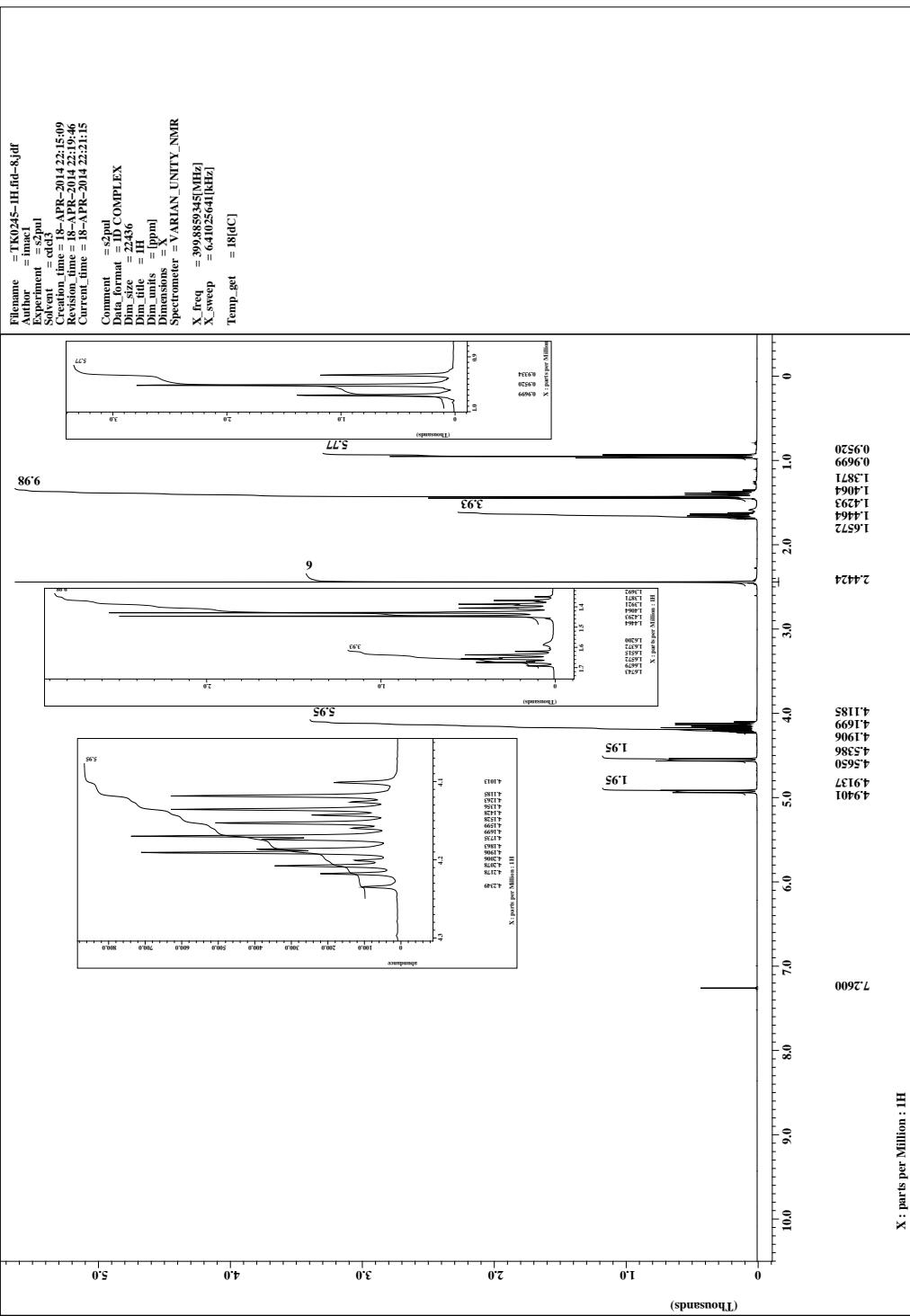


Figure S14. ^{13}C NMR spectrum of **M3-NC** in C_6D_6 .



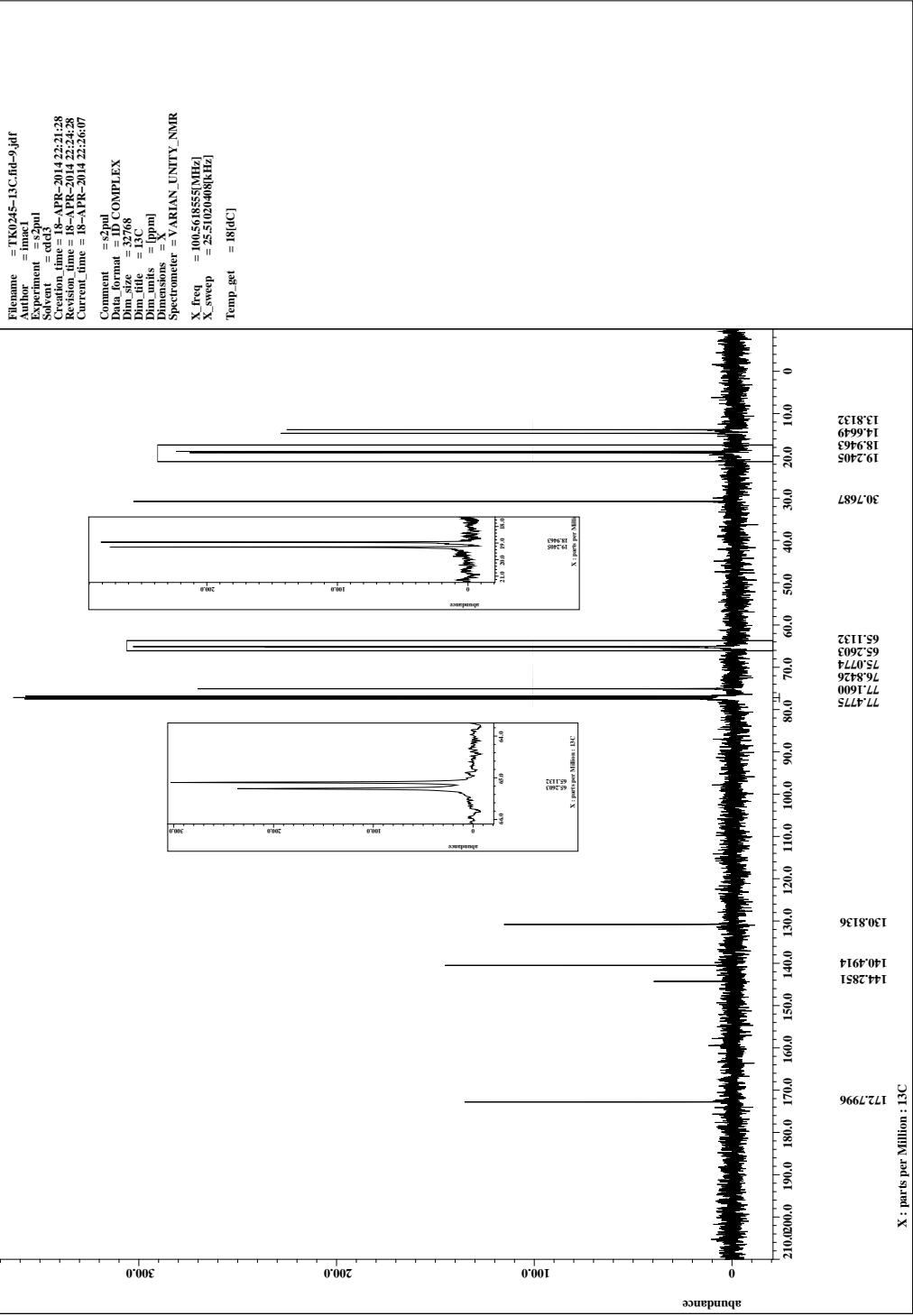


Figure S16. ^{13}C NMR spectrum of M4-NO₂ in CDCl₃.

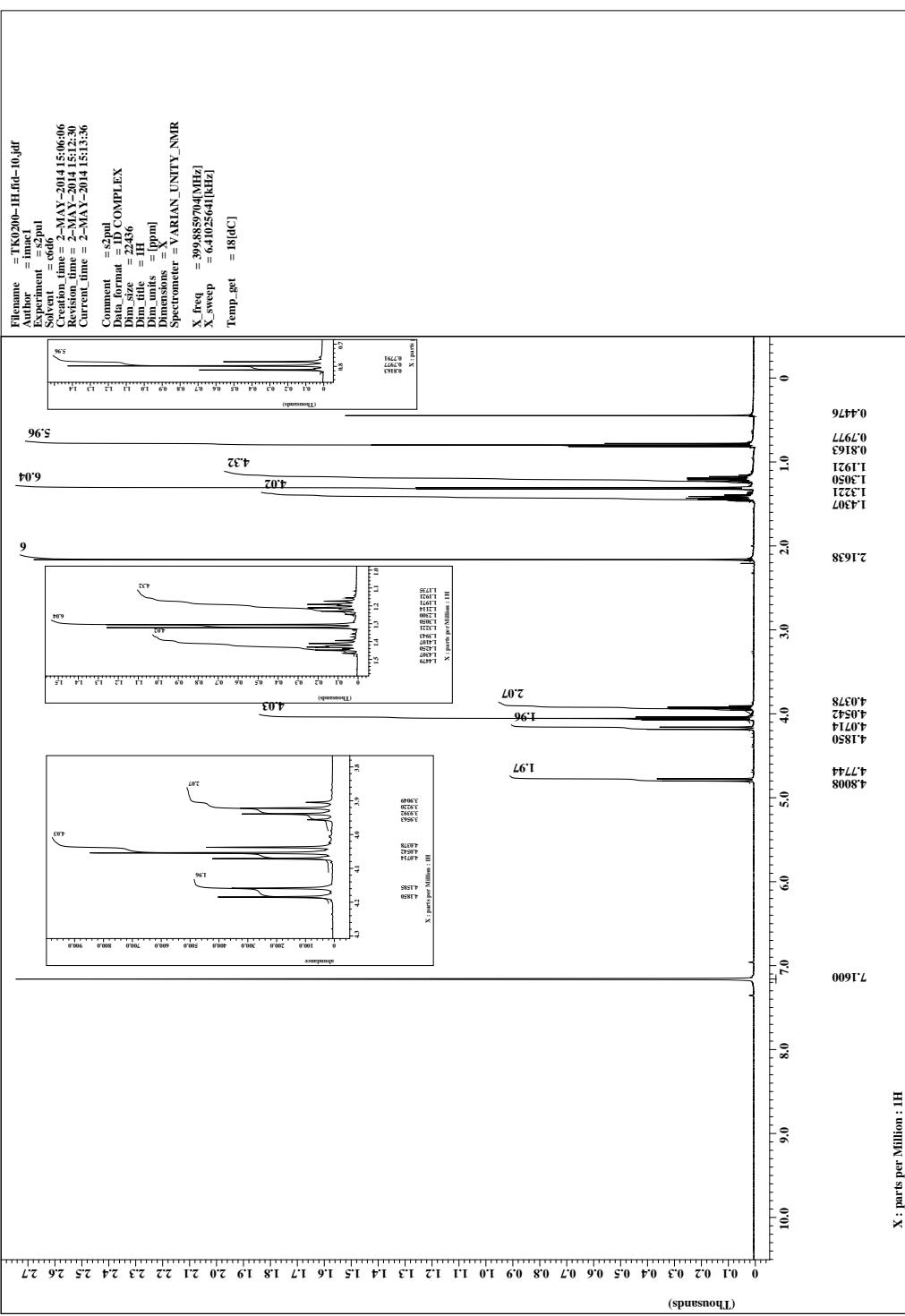


Figure S17. ¹H NMR spectrum of M4-NC in C₆D₆.

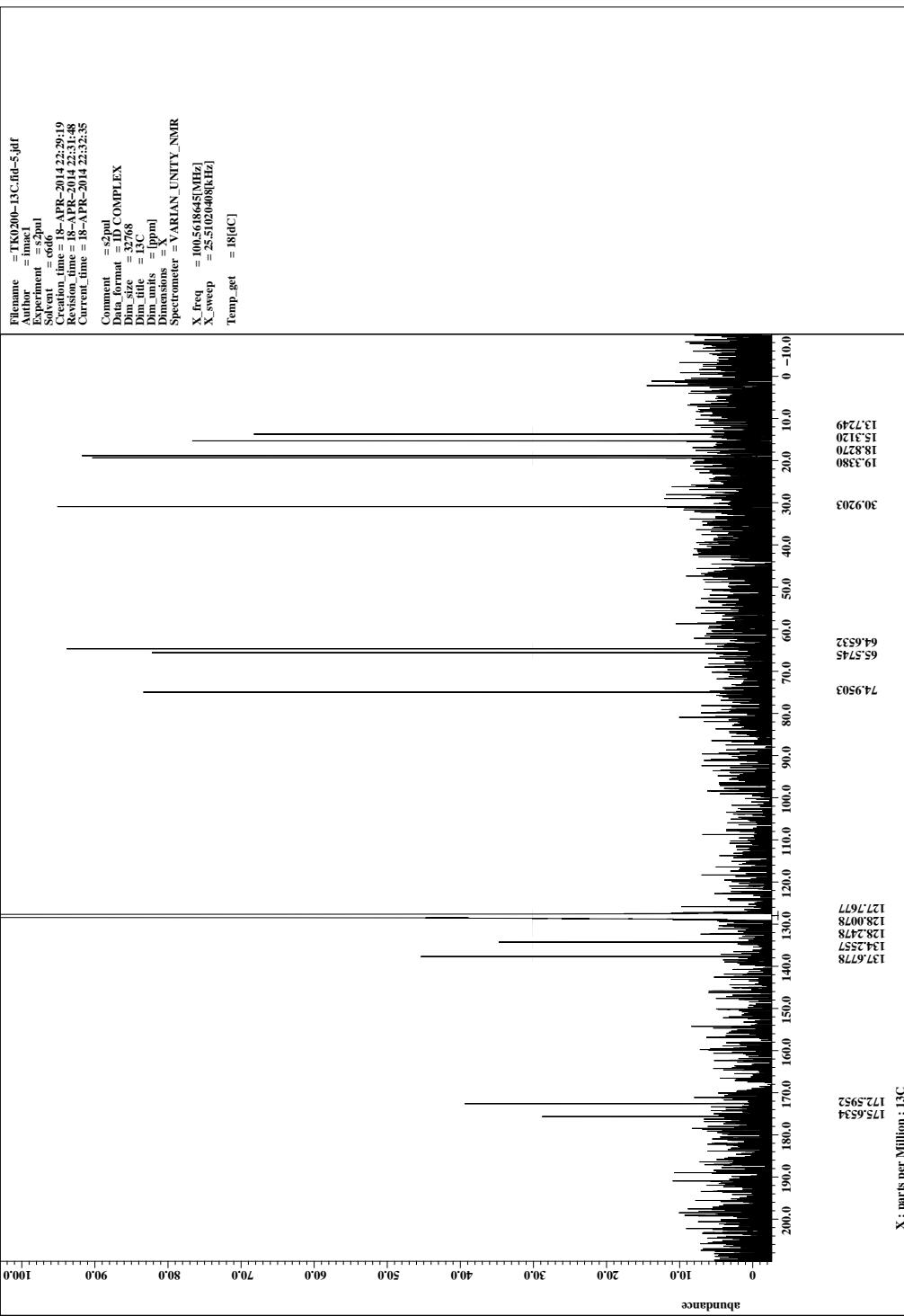


Figure S18. ^{13}C NMR spectrum of **M4-NC** in C_6D_6 .

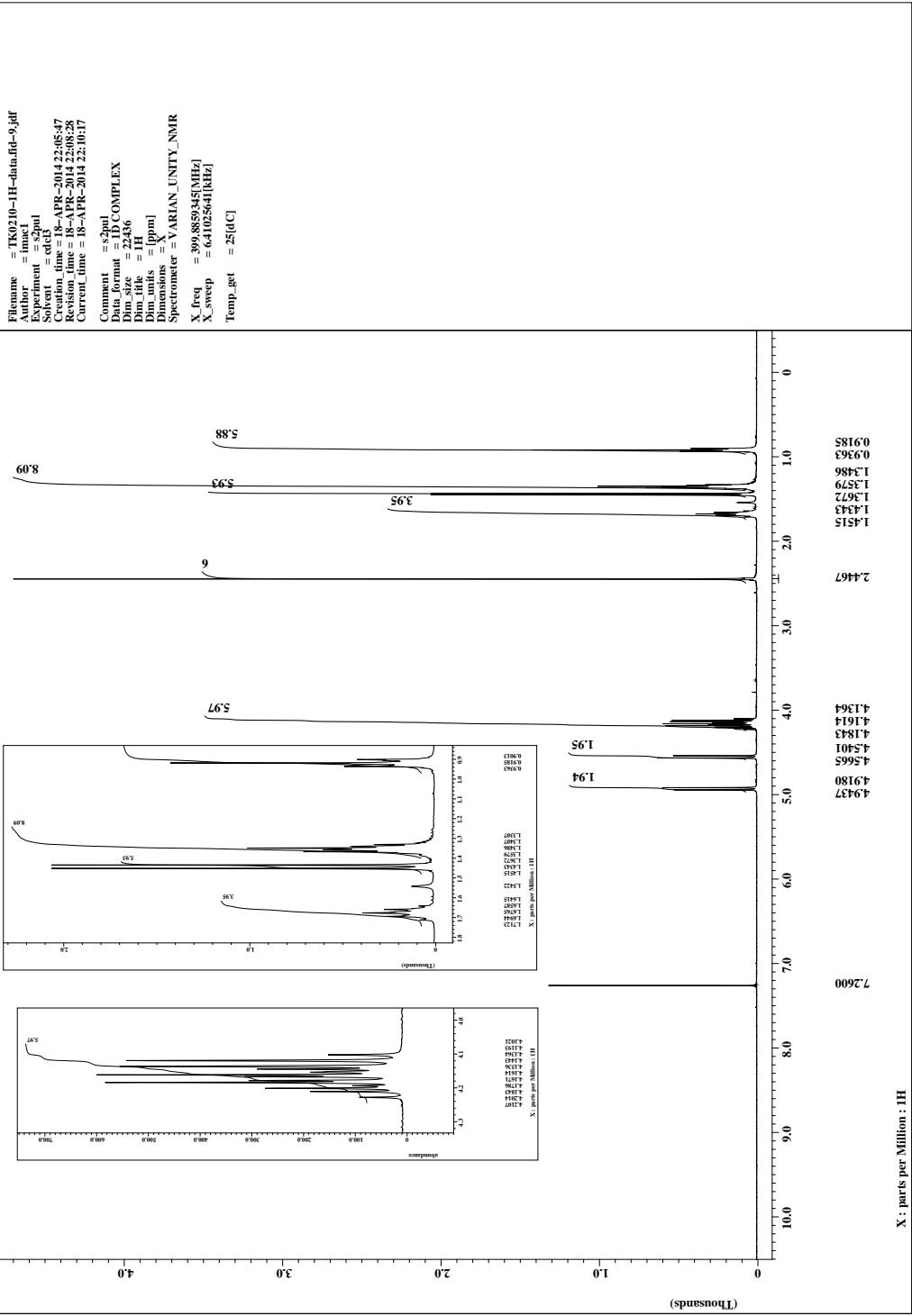


Figure S19. ^1H NMR spectrum of **M5-NO₂** in CDCl_3 .

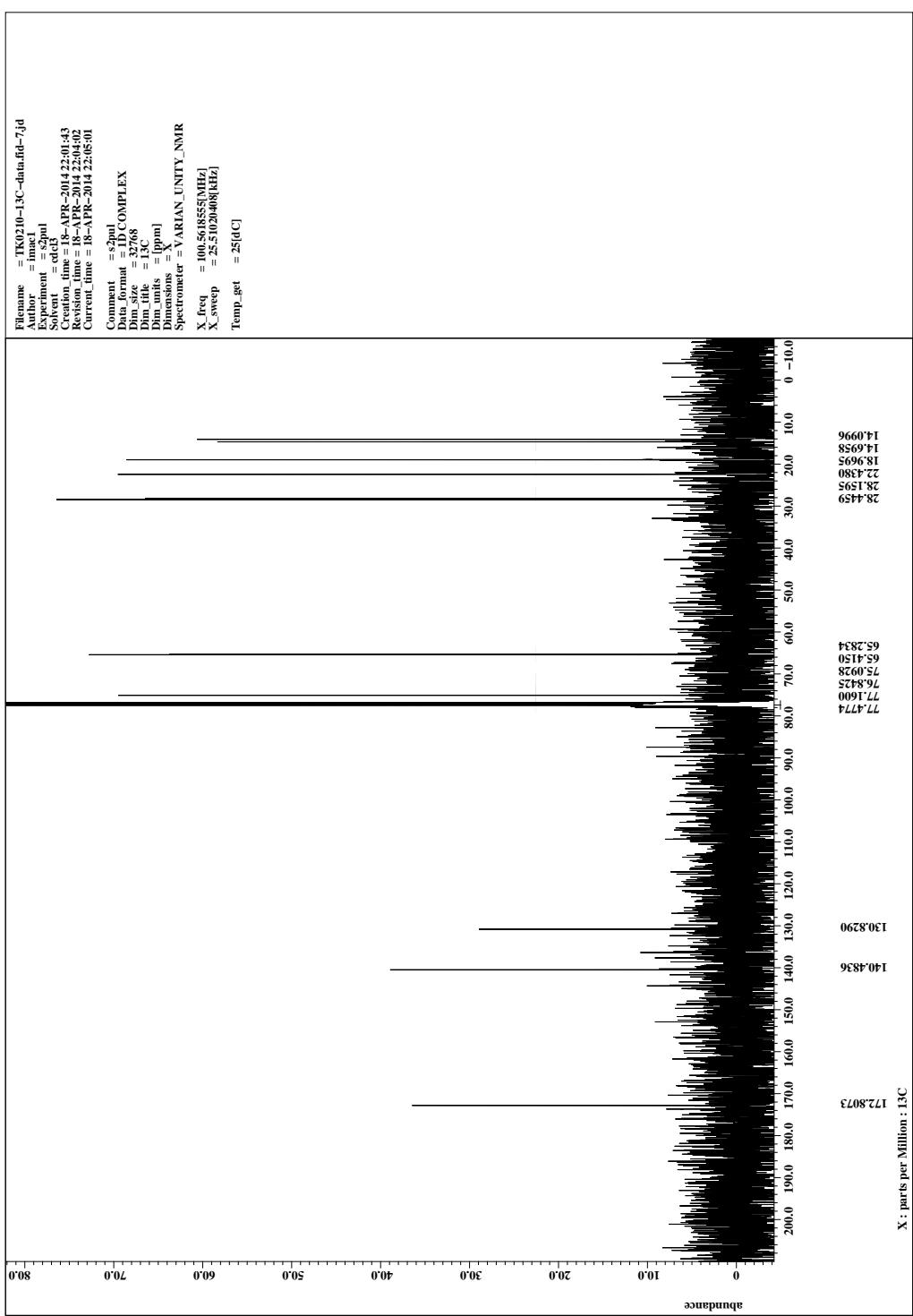


Figure S20. ^{13}C NMR spectrum of **M5-NO₂** in CDCl_3 .

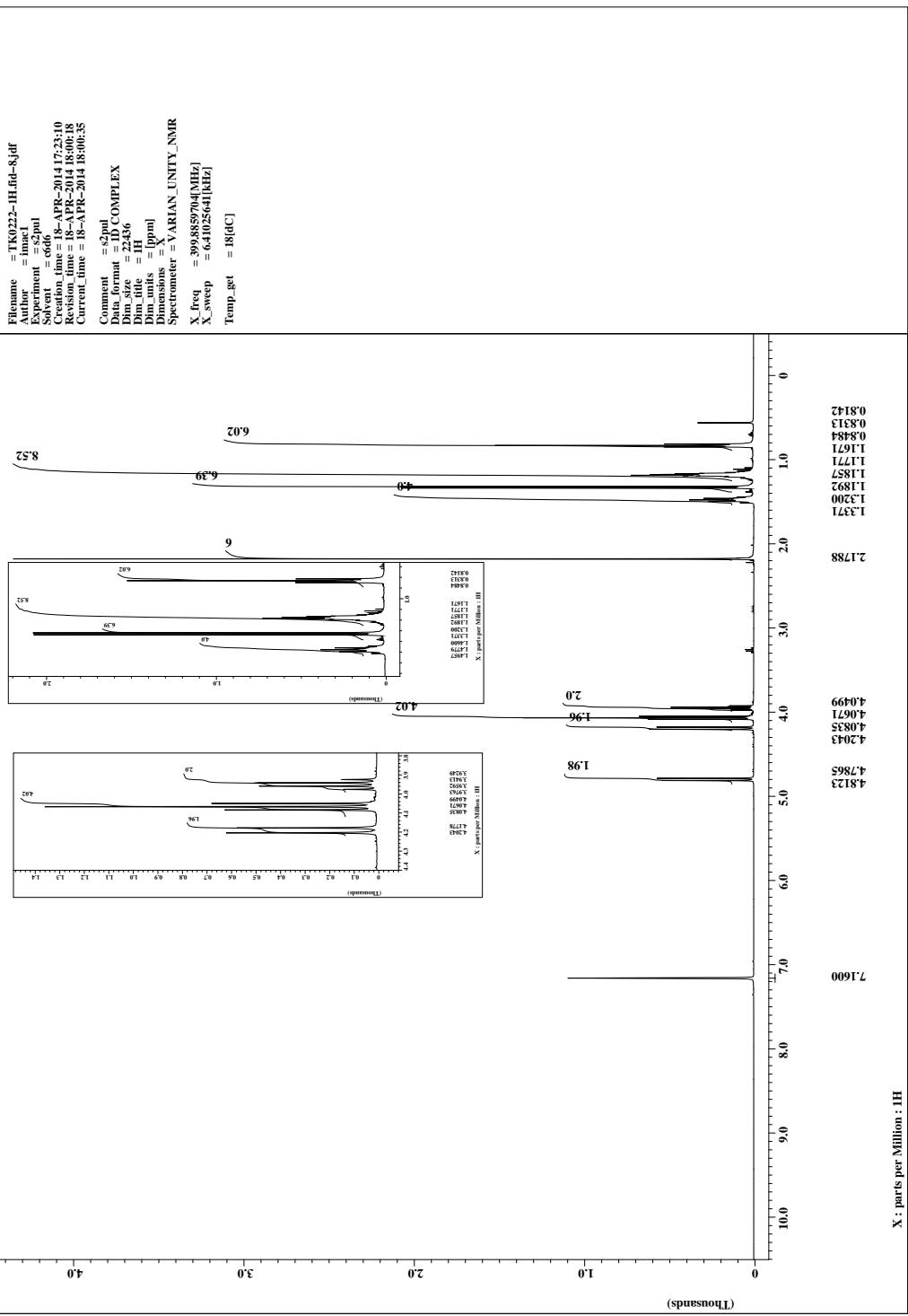


Figure S21. ^1H NMR spectrum of **M5-NC** in C_6D_6 .

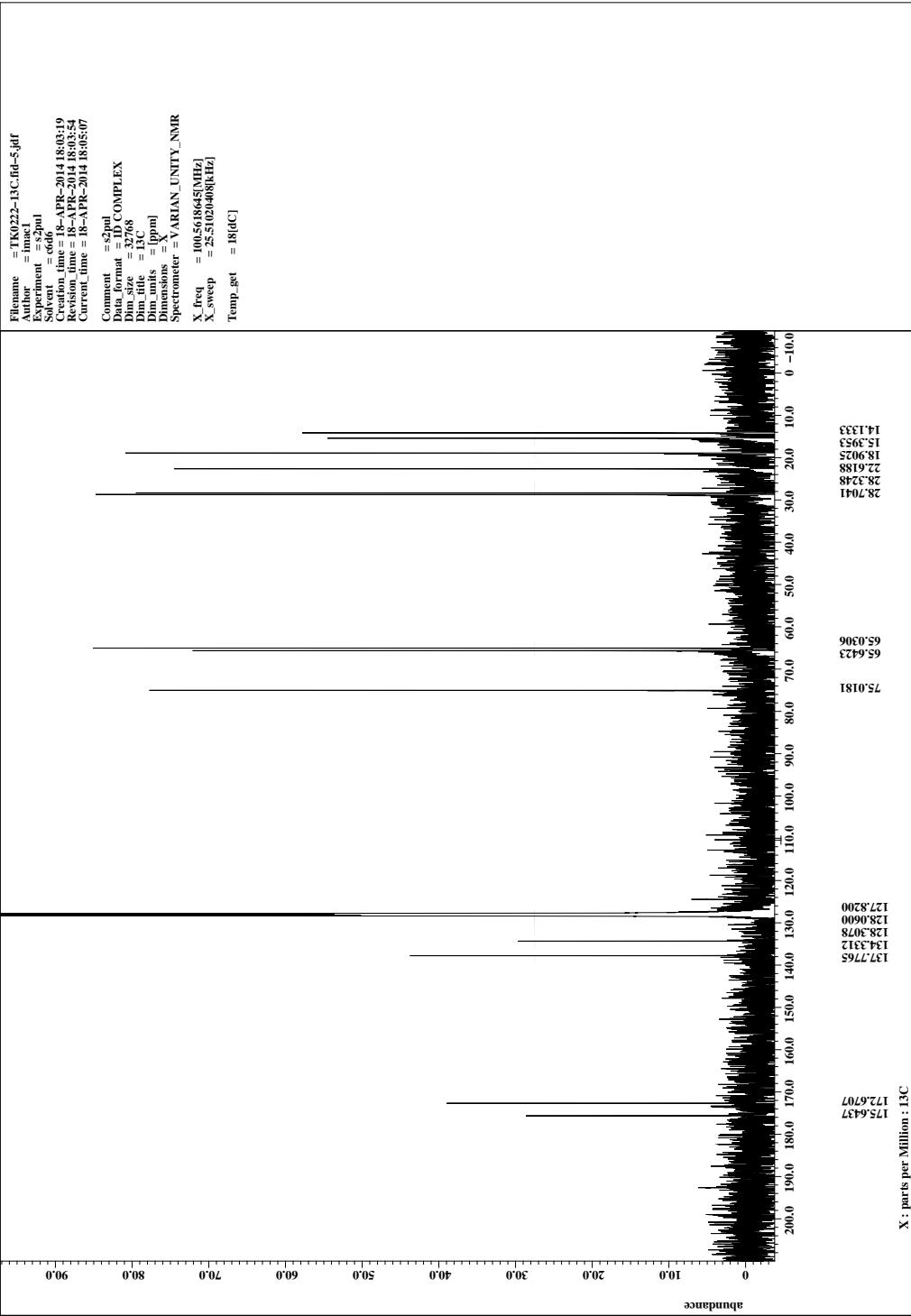


Figure S22. ^{13}C NMR spectrum of **M5-NC** in C_6D_6 .

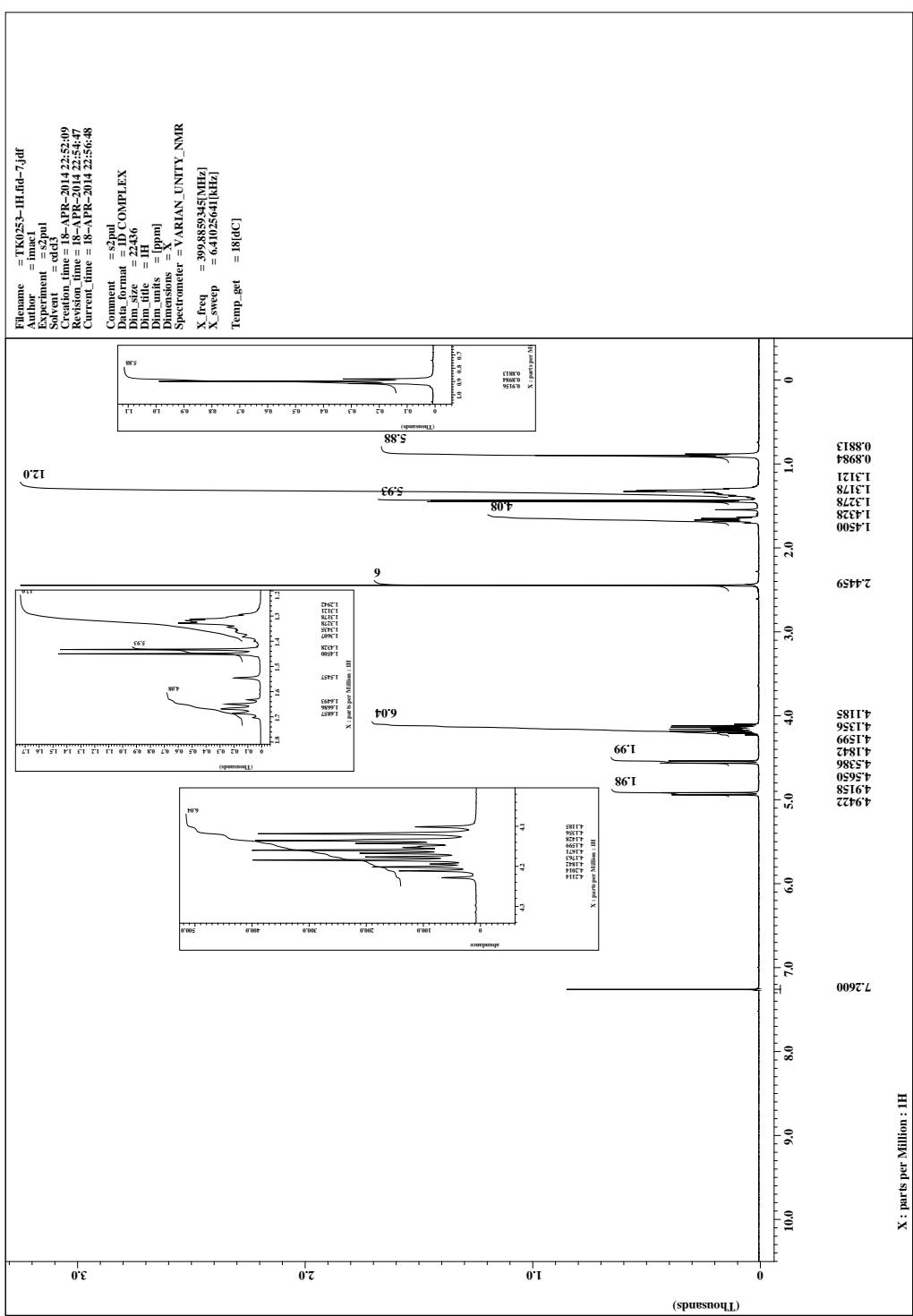
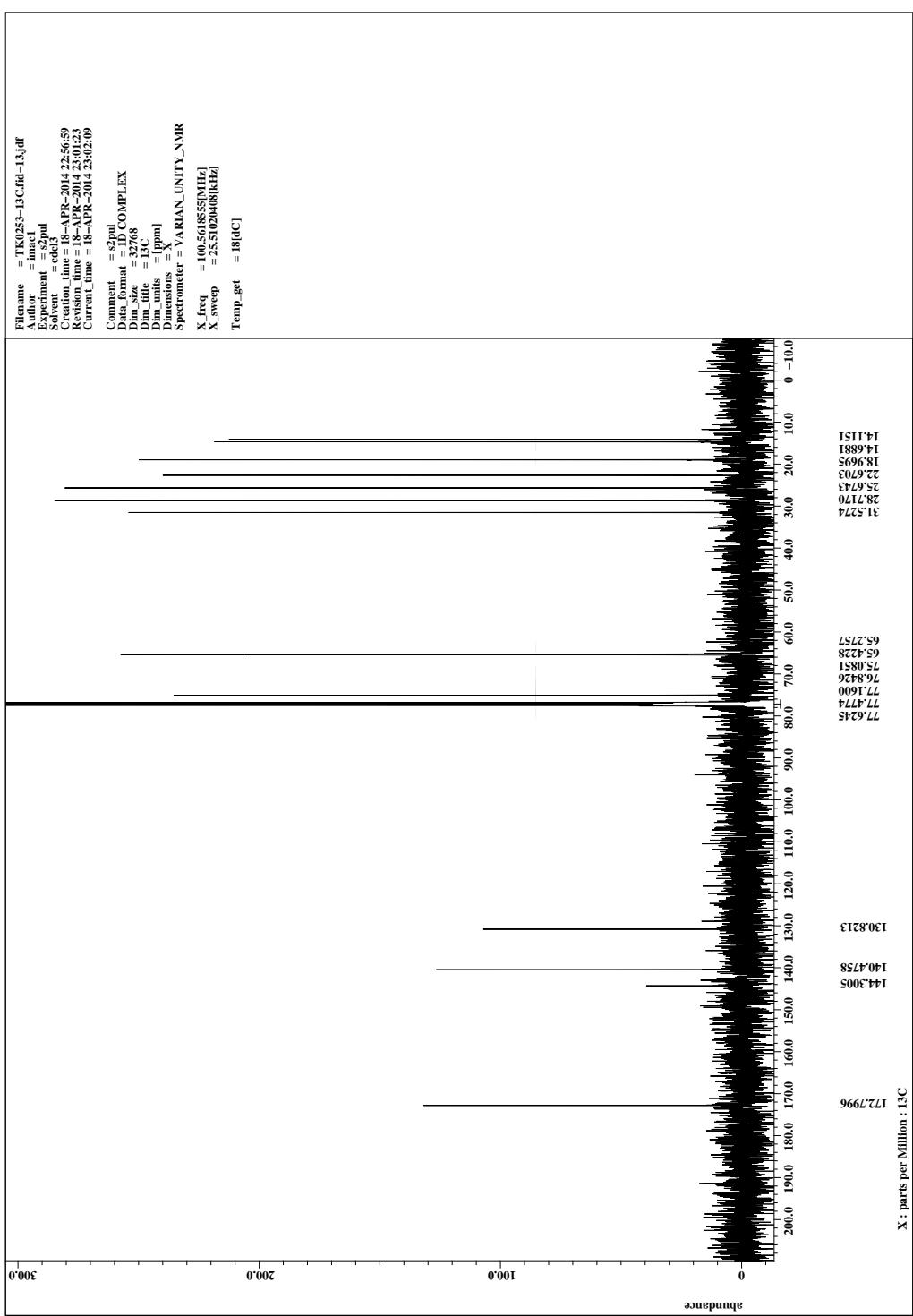


Figure S23. ^1H NMR spectrum of **M6-NO₂** in CDCl_3 .



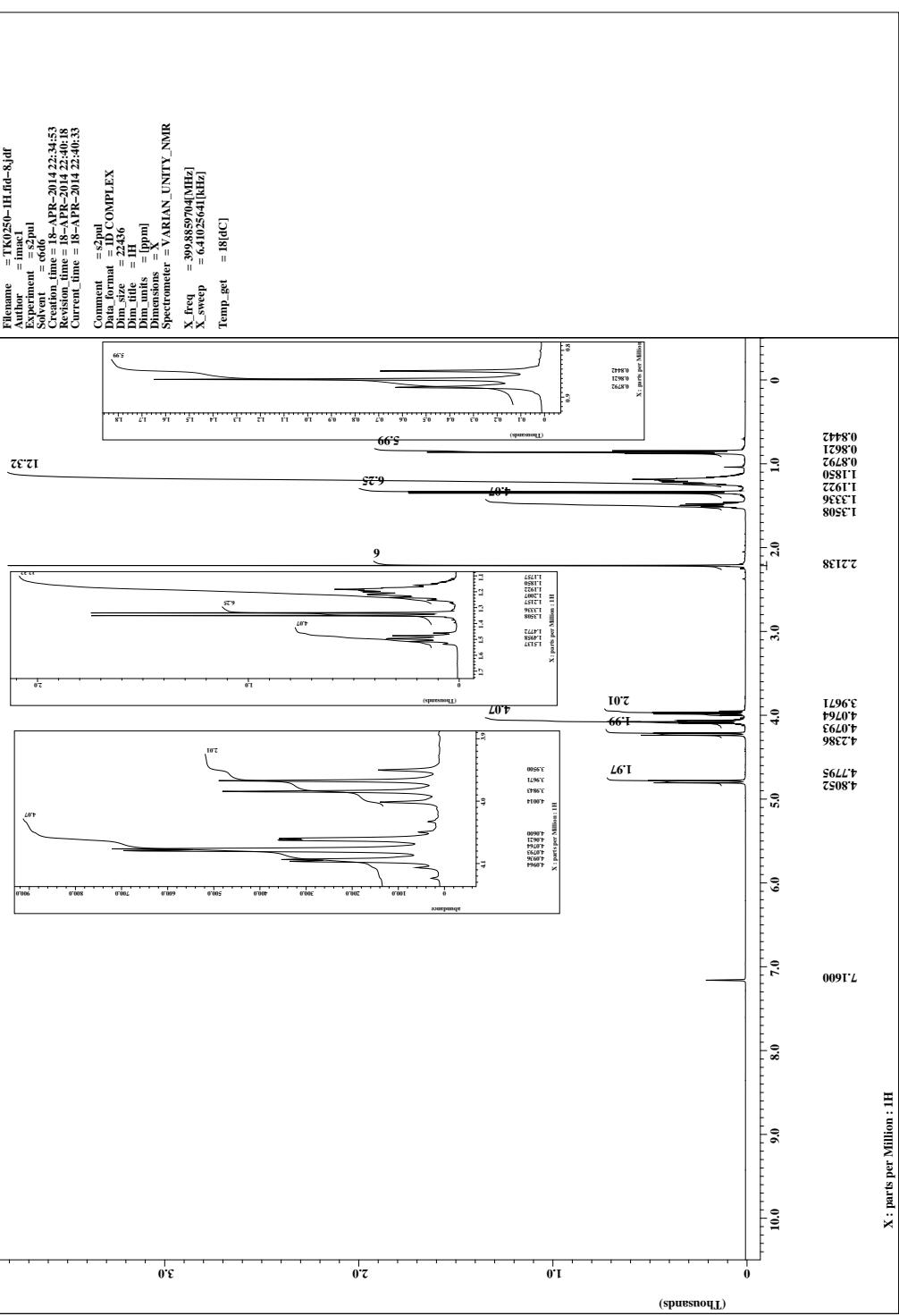
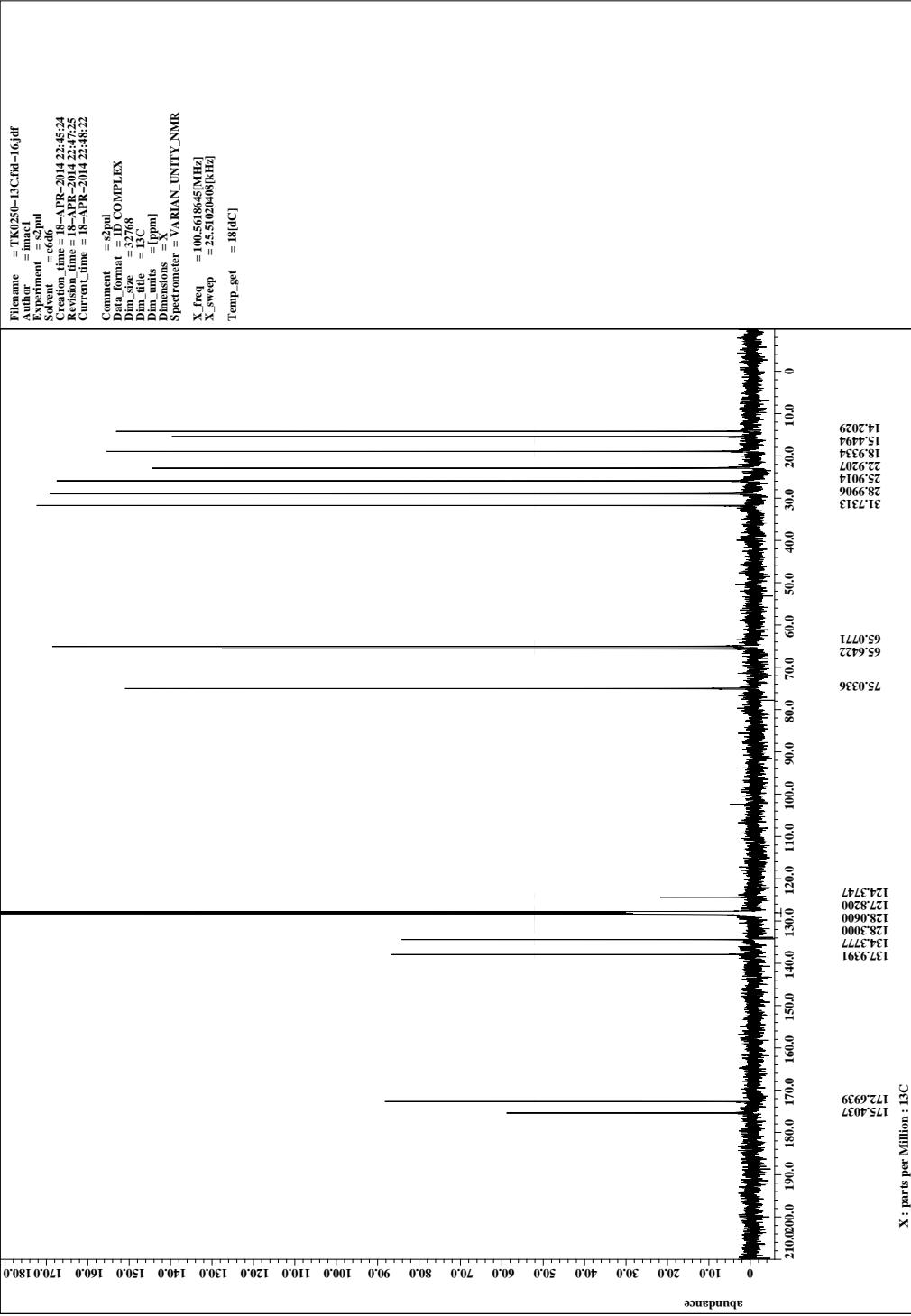


Figure S25. ^1H NMR spectrum of **M6-NC** in C_6D_6 .



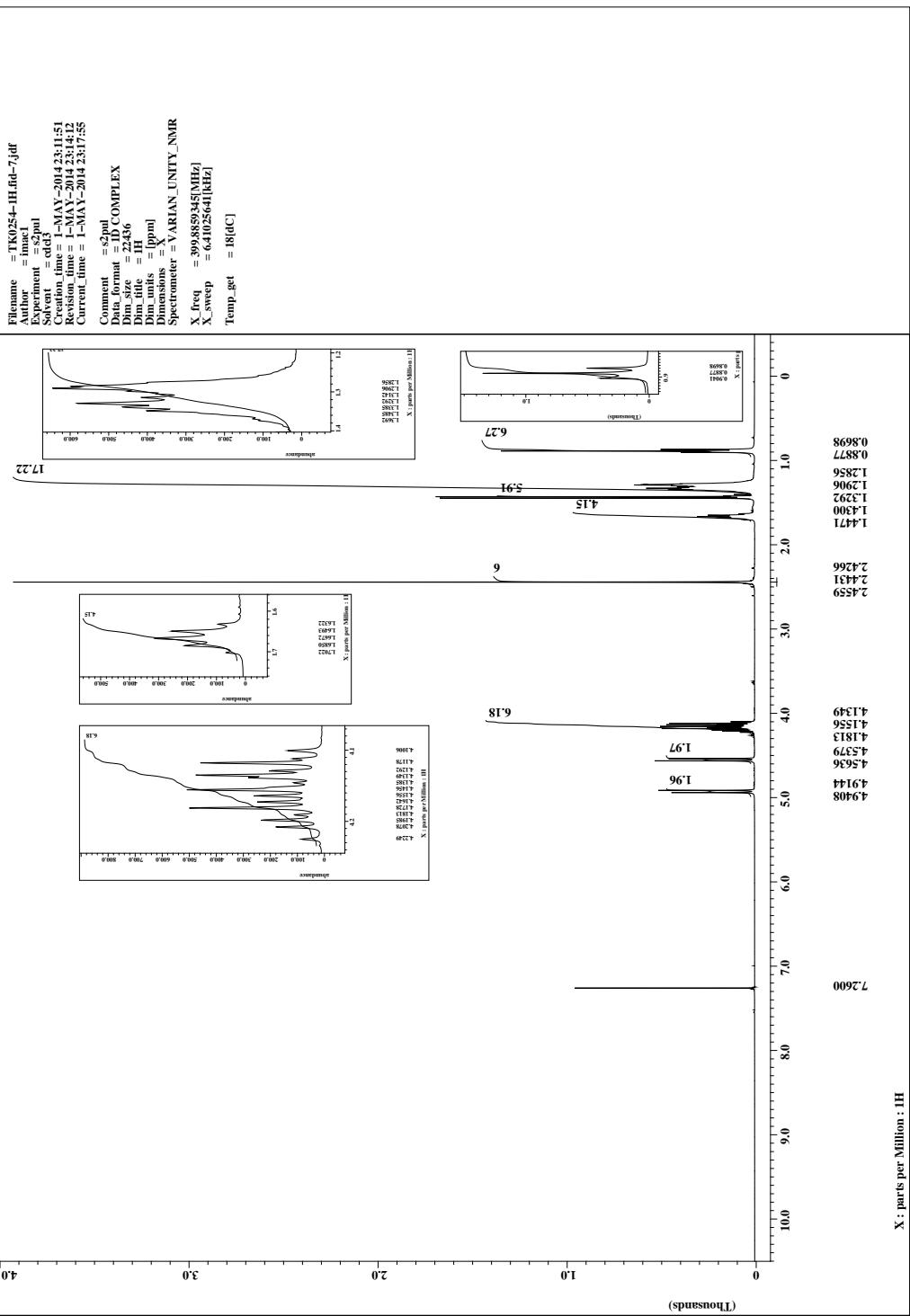


Figure S27. ^1H NMR spectrum of M7-NO₂ in CDCl₃.

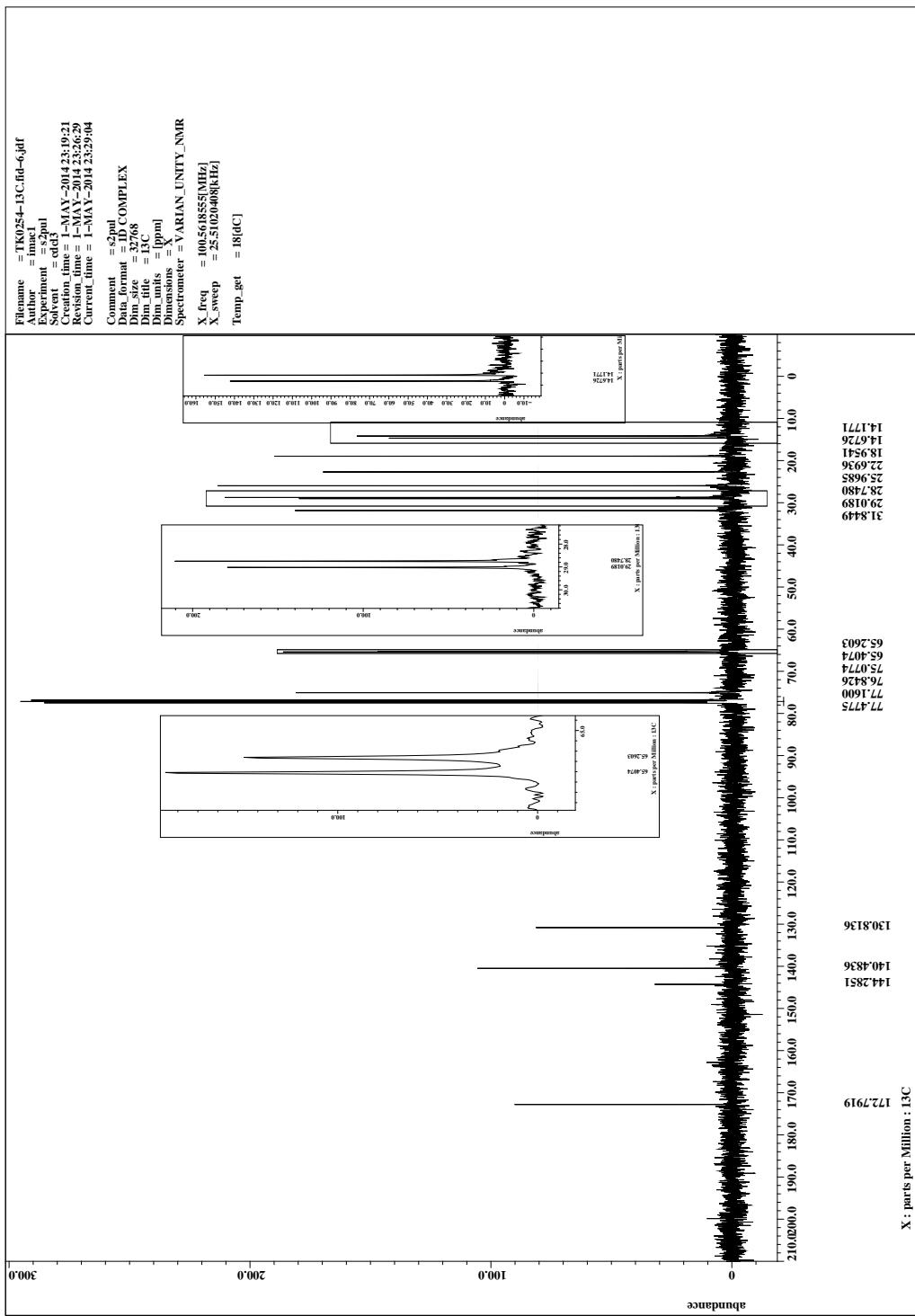


Figure S28. ^{13}C NMR spectrum of **M7-NO₂** in CDCl_3 .

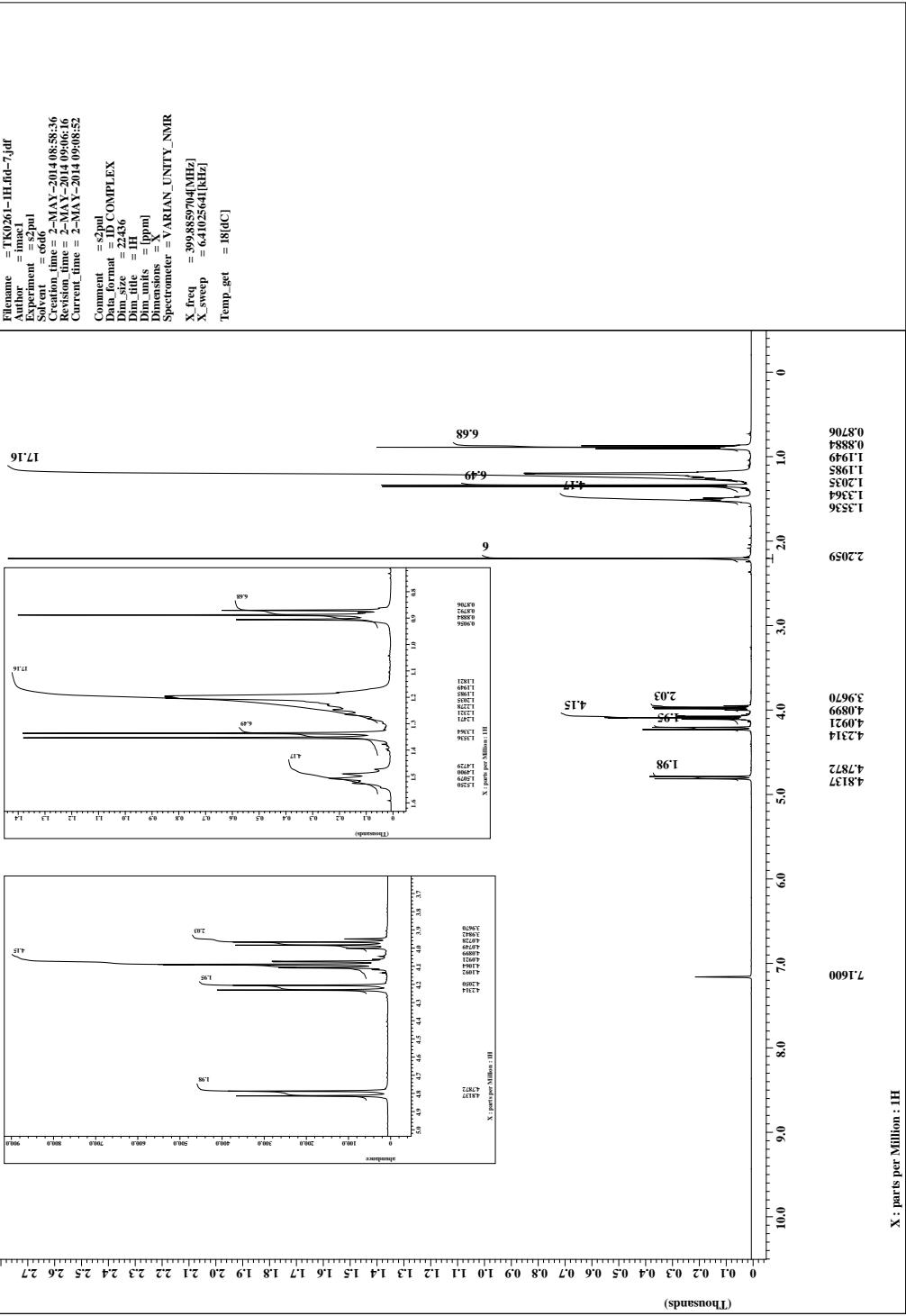


Figure S29. ^1H NMR spectrum of M7-NC in C_6D_6 .

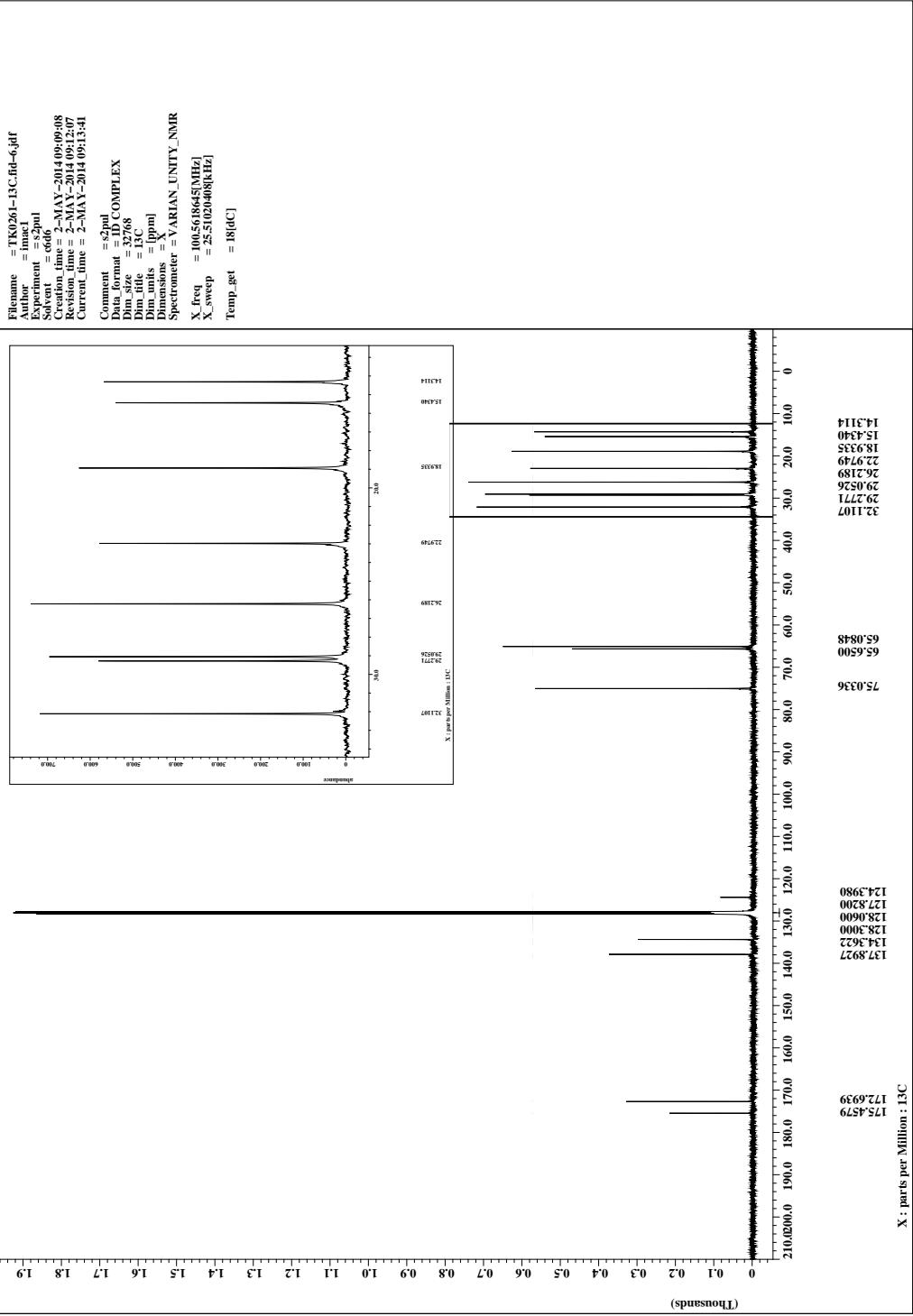


Figure S30. ^{13}C NMR spectrum of **M7-NC** in C_6D_6 .

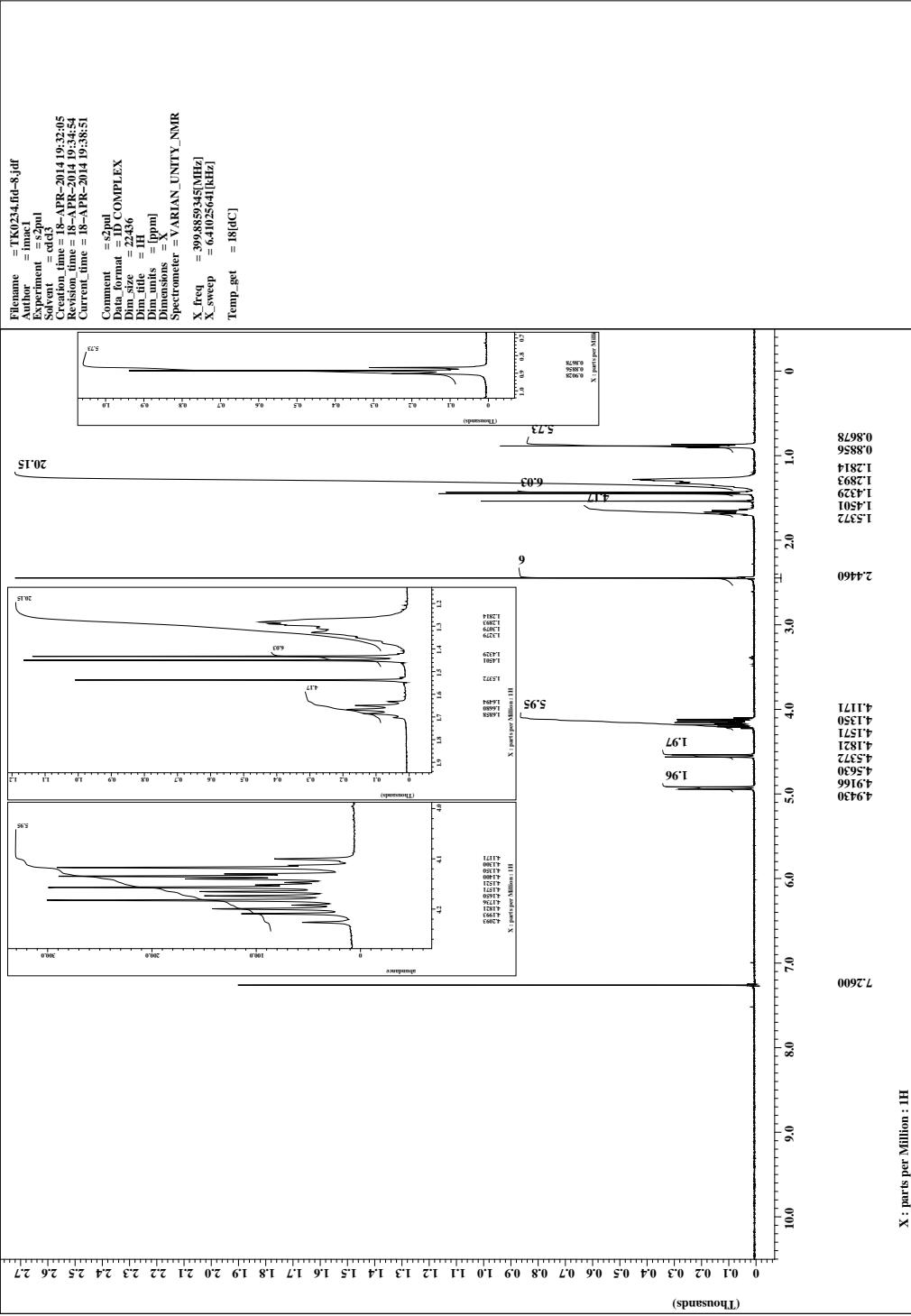


Figure S31. ^1H NMR spectrum of **M8-NO₂** in CDCl_3 .

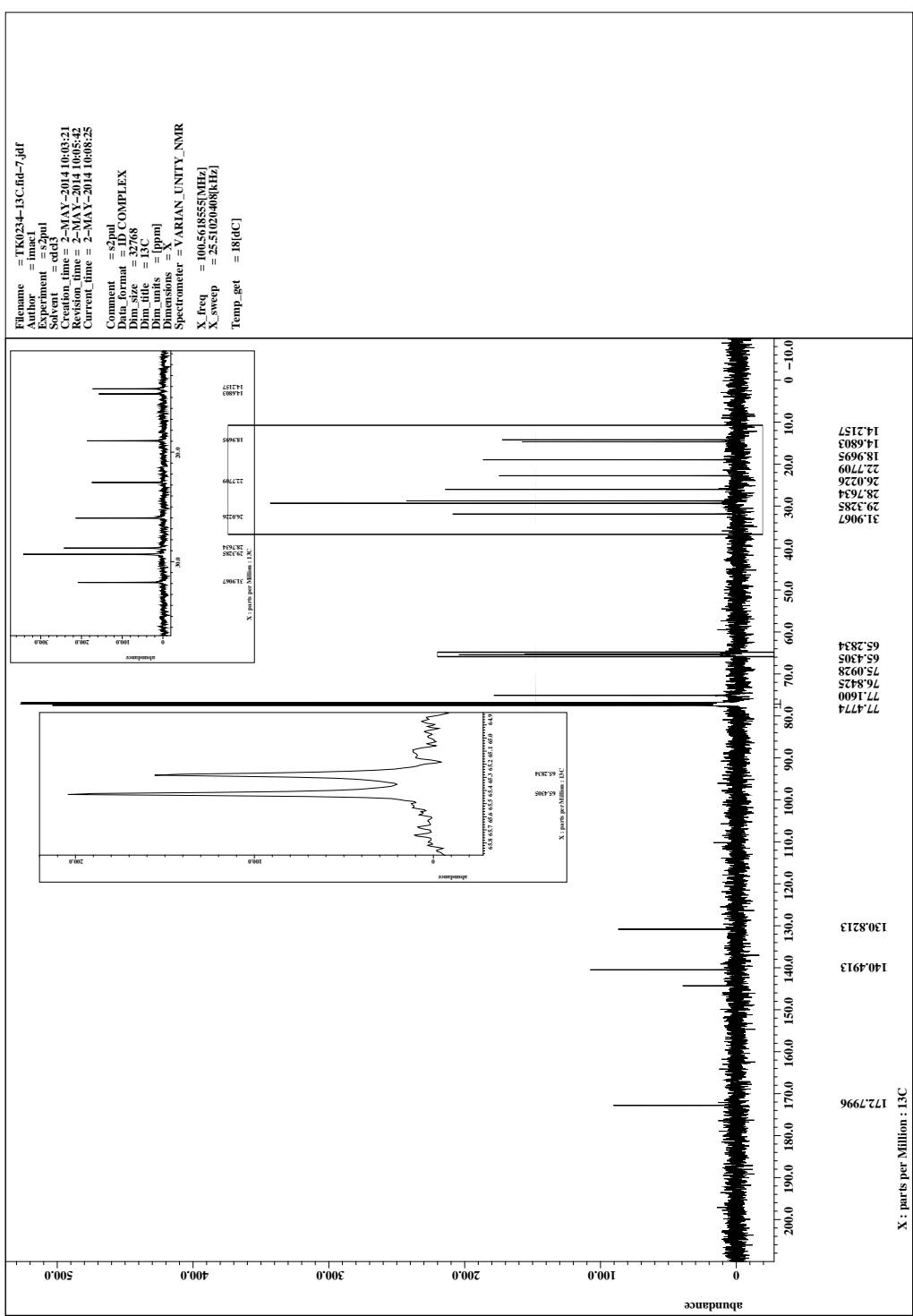
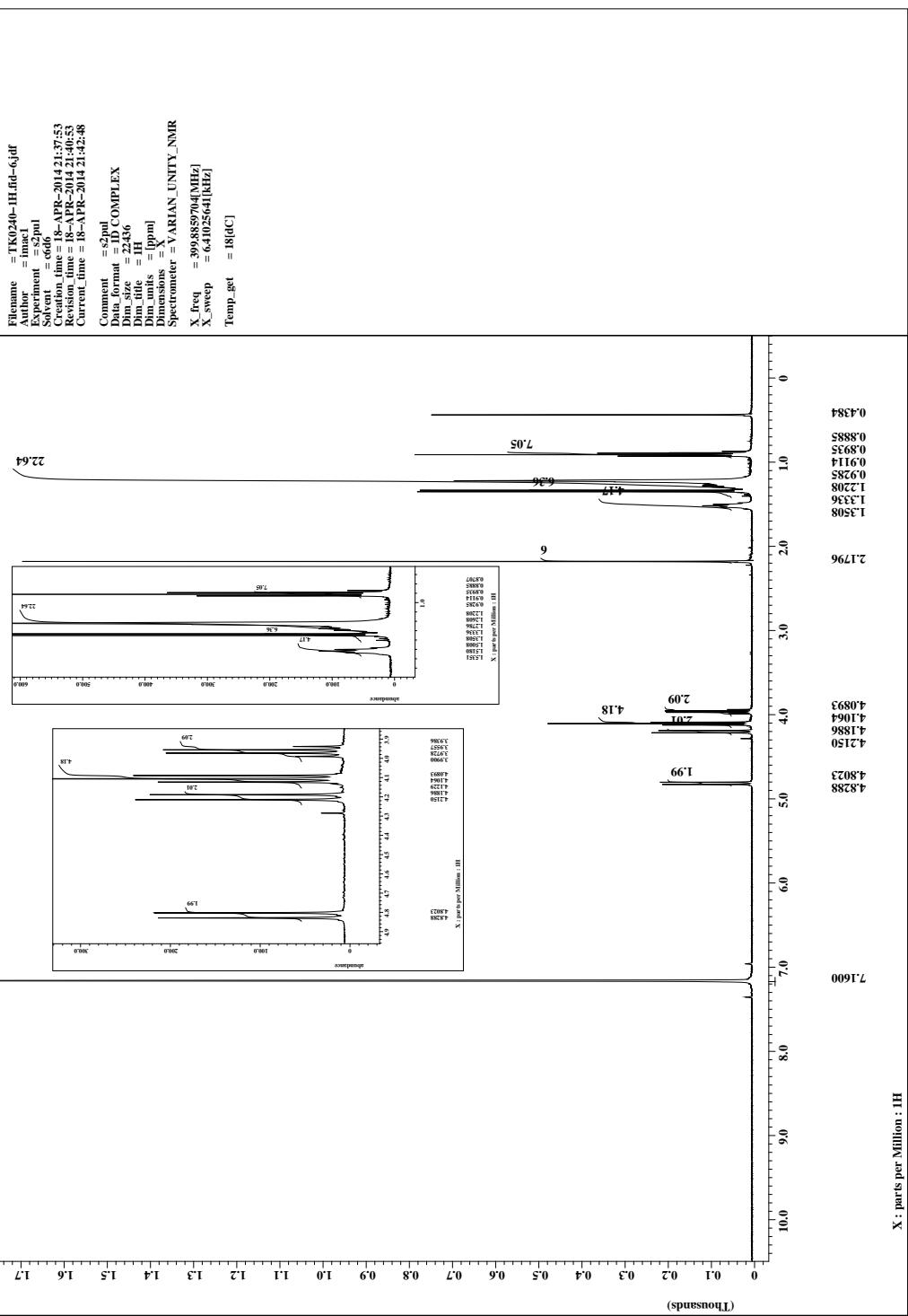


Figure S32. ^{13}C NMR spectrum of M8-NO₂ in CDCl₃.



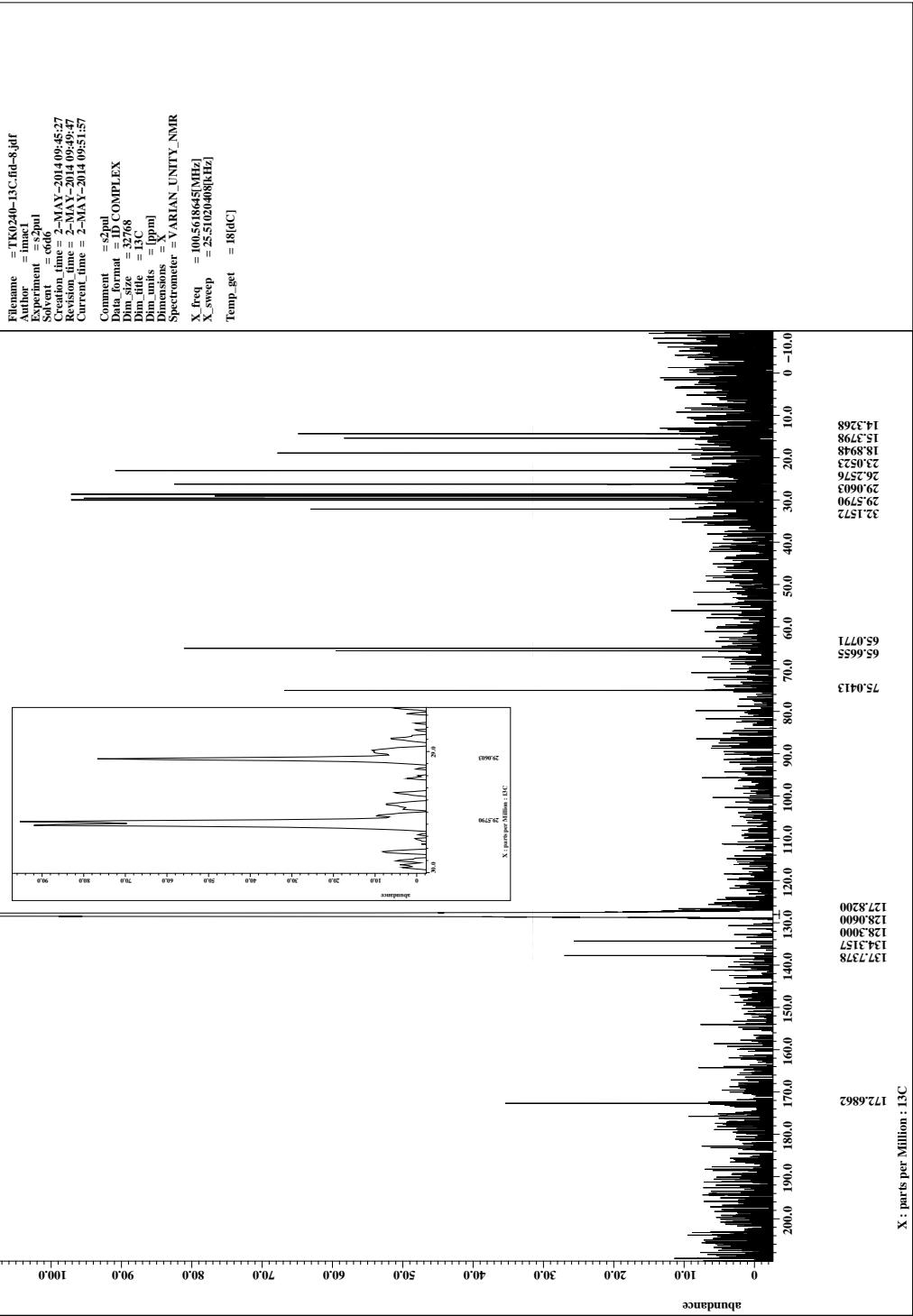


Figure S34. ^{13}C NMR spectrum of **M8-NC** in C_6D_6 .

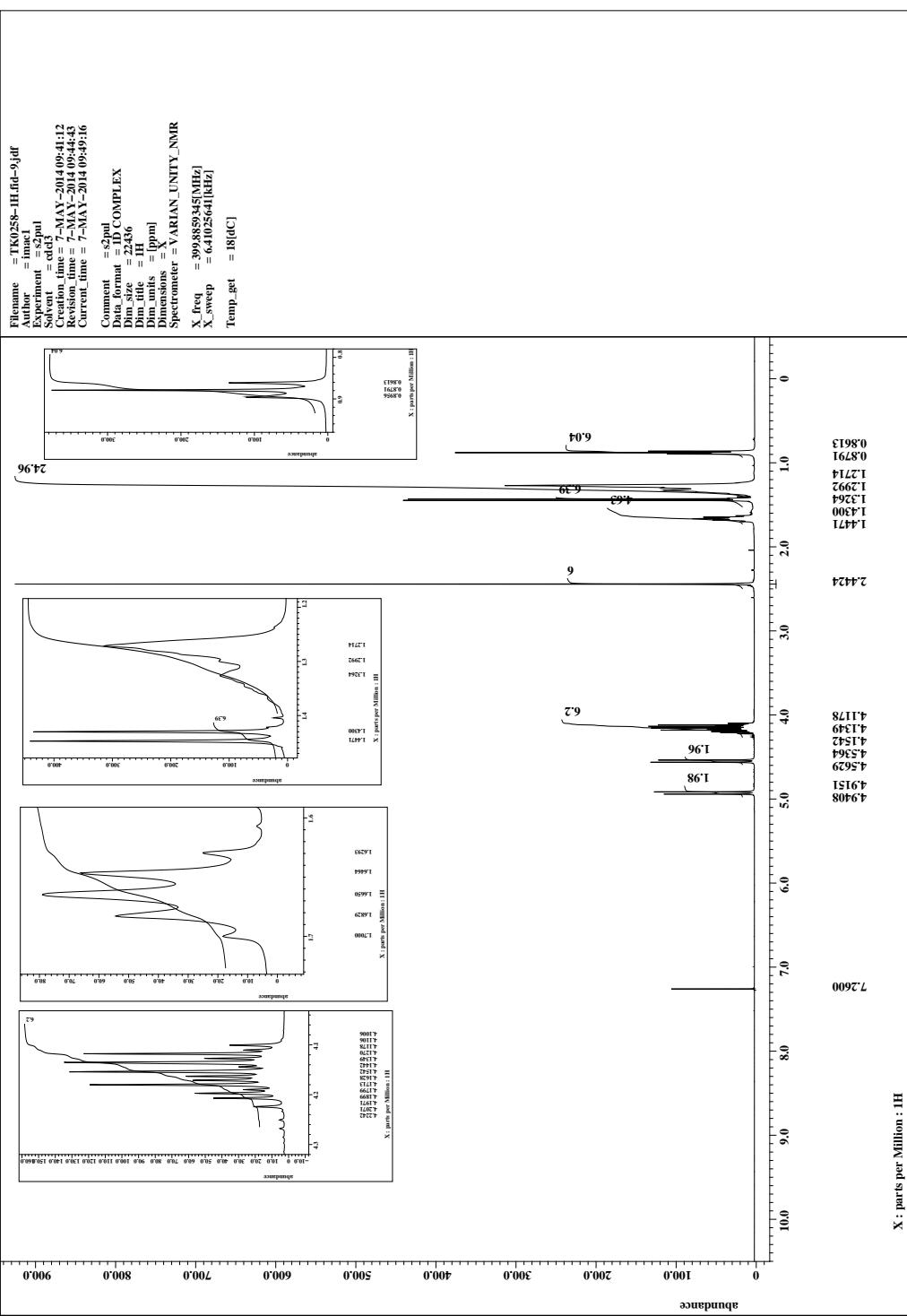


Figure S35. ^1H NMR spectrum of **M9-NO₂** in CDCl_3 .

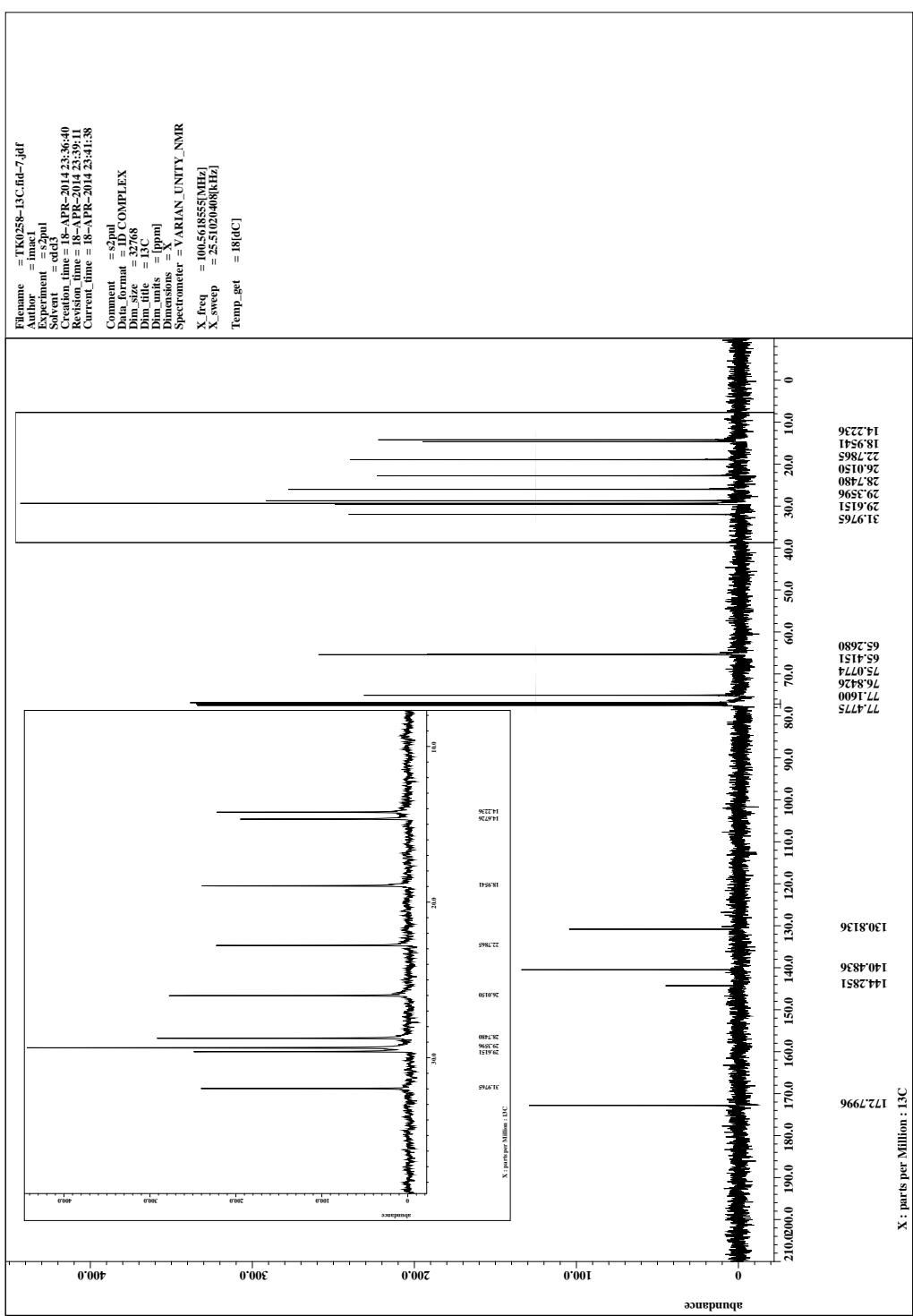


Figure S36. ^{13}C NMR spectrum of **M9-NO₂** in CDCl_3 .

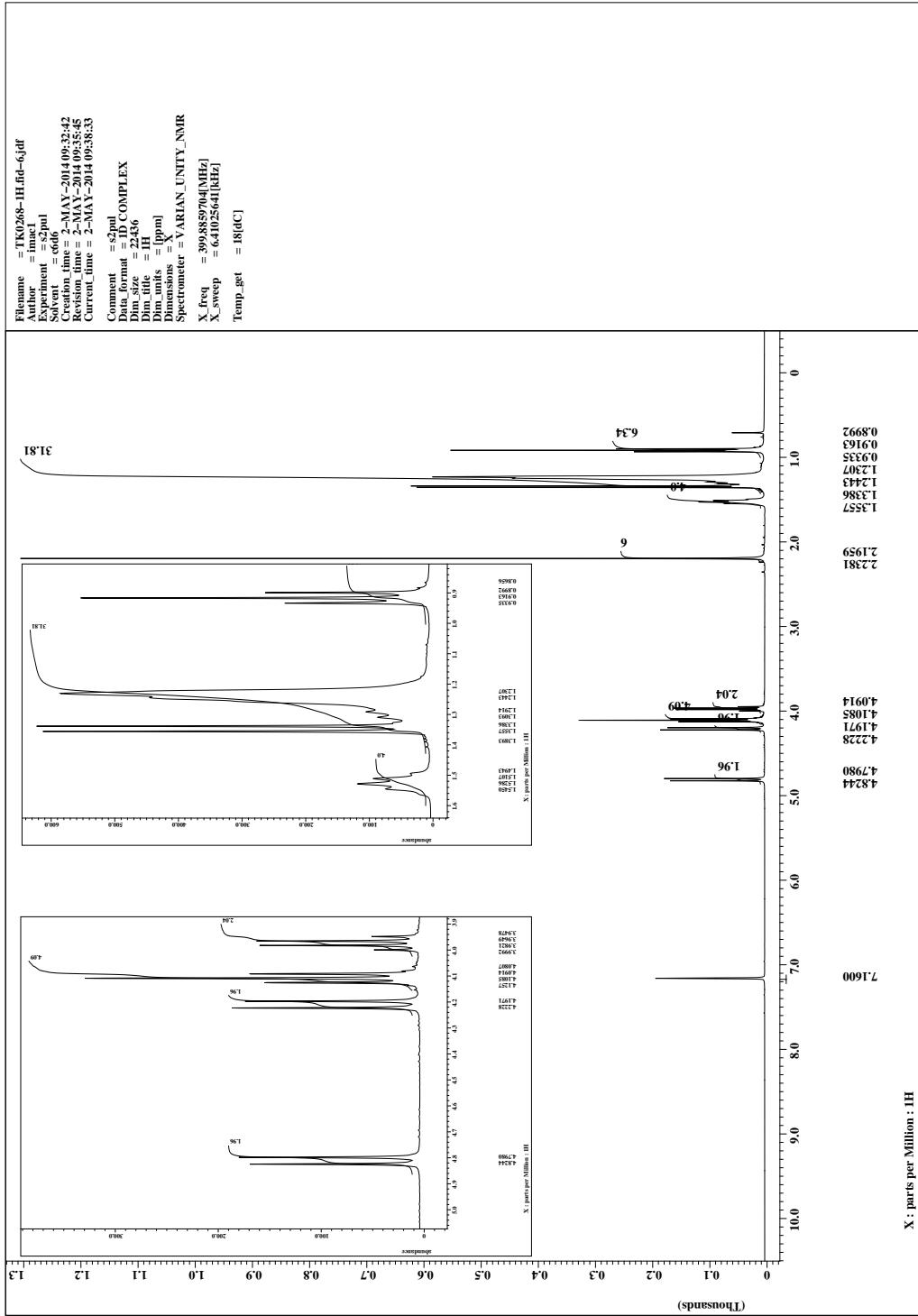


Figure S37. ^1H NMR spectrum of **M9-NC** in C_6D_6 .

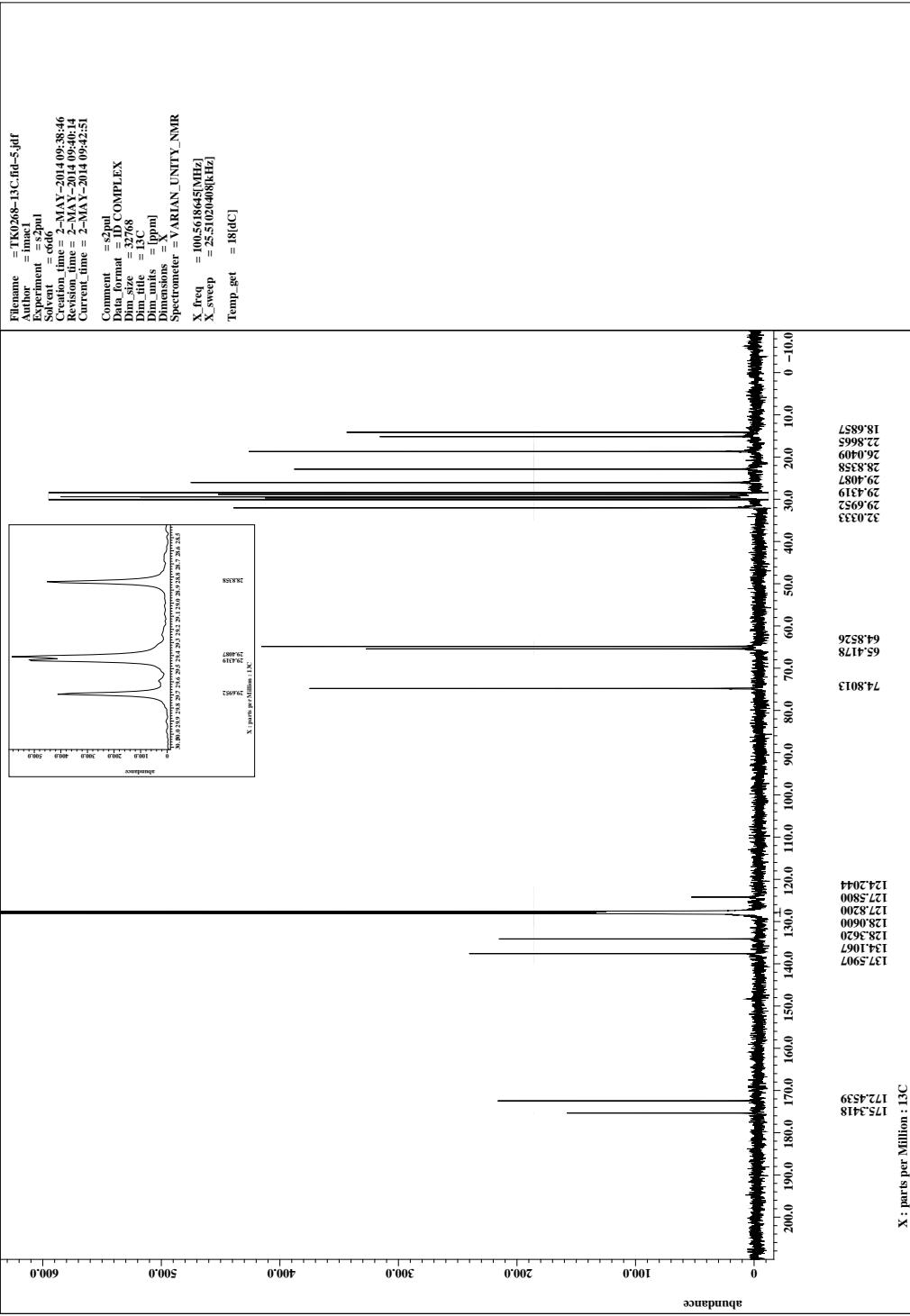


Figure S38. ^{13}C NMR spectrum of **M9-NC** in C_6D_6 .

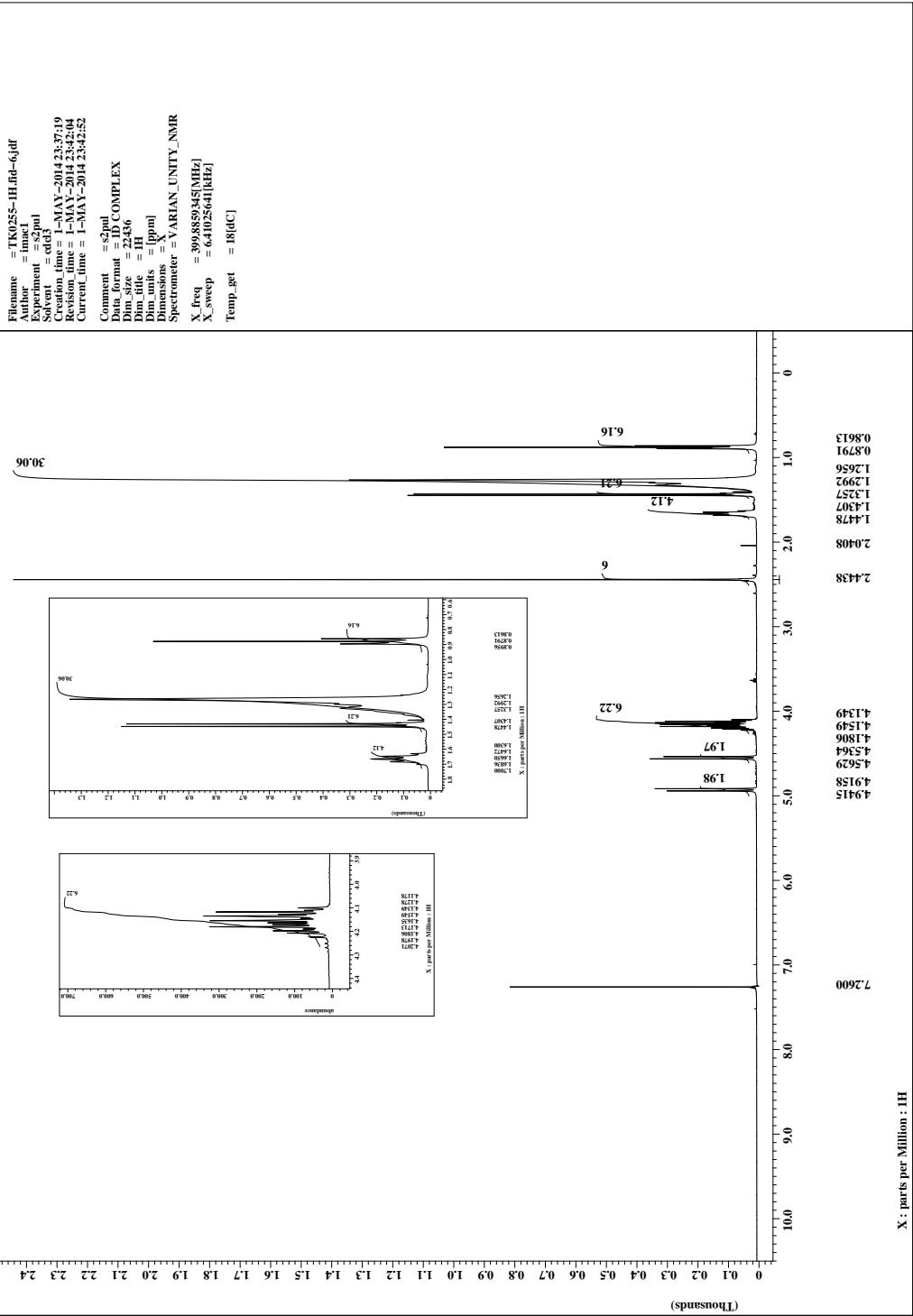
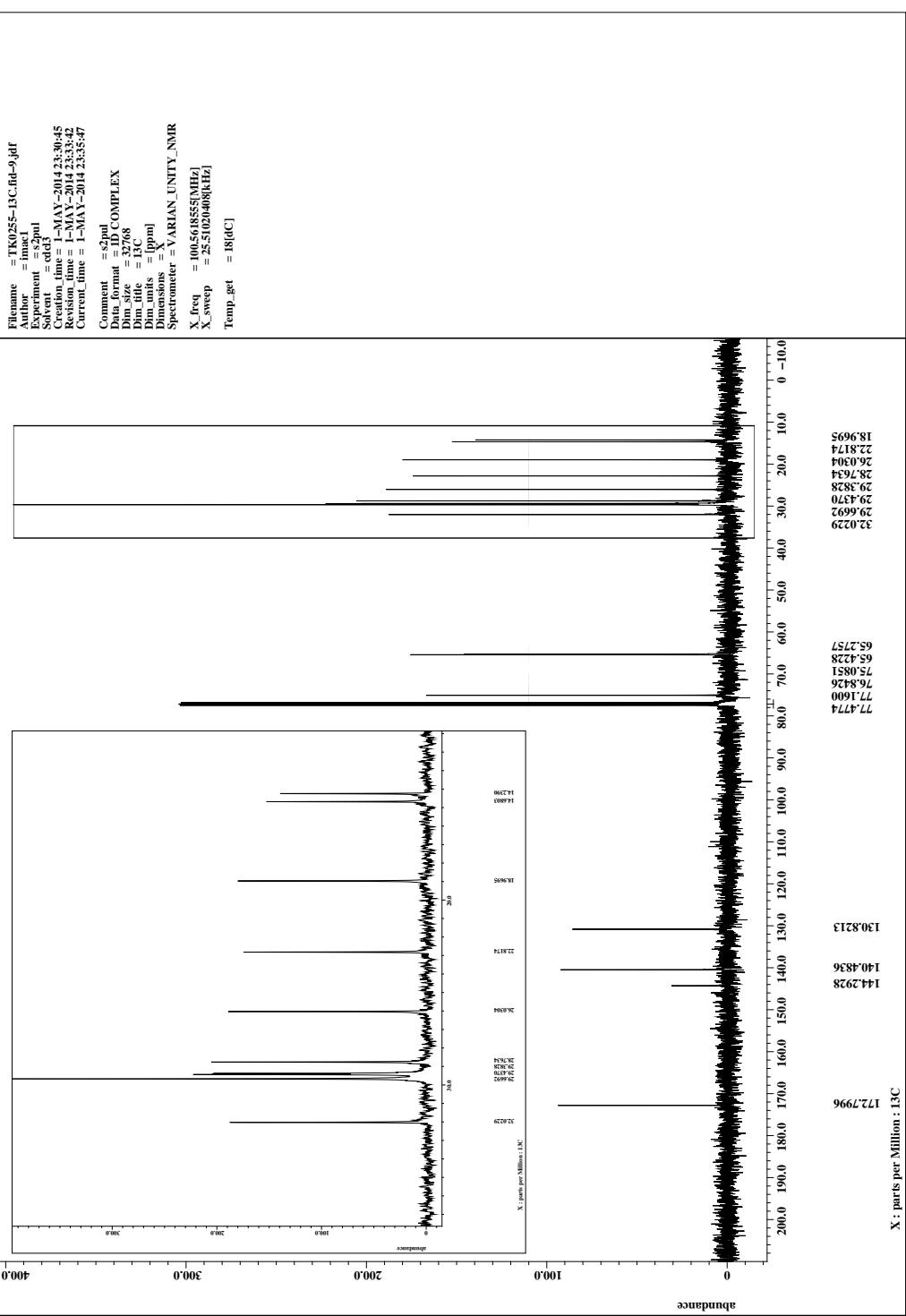
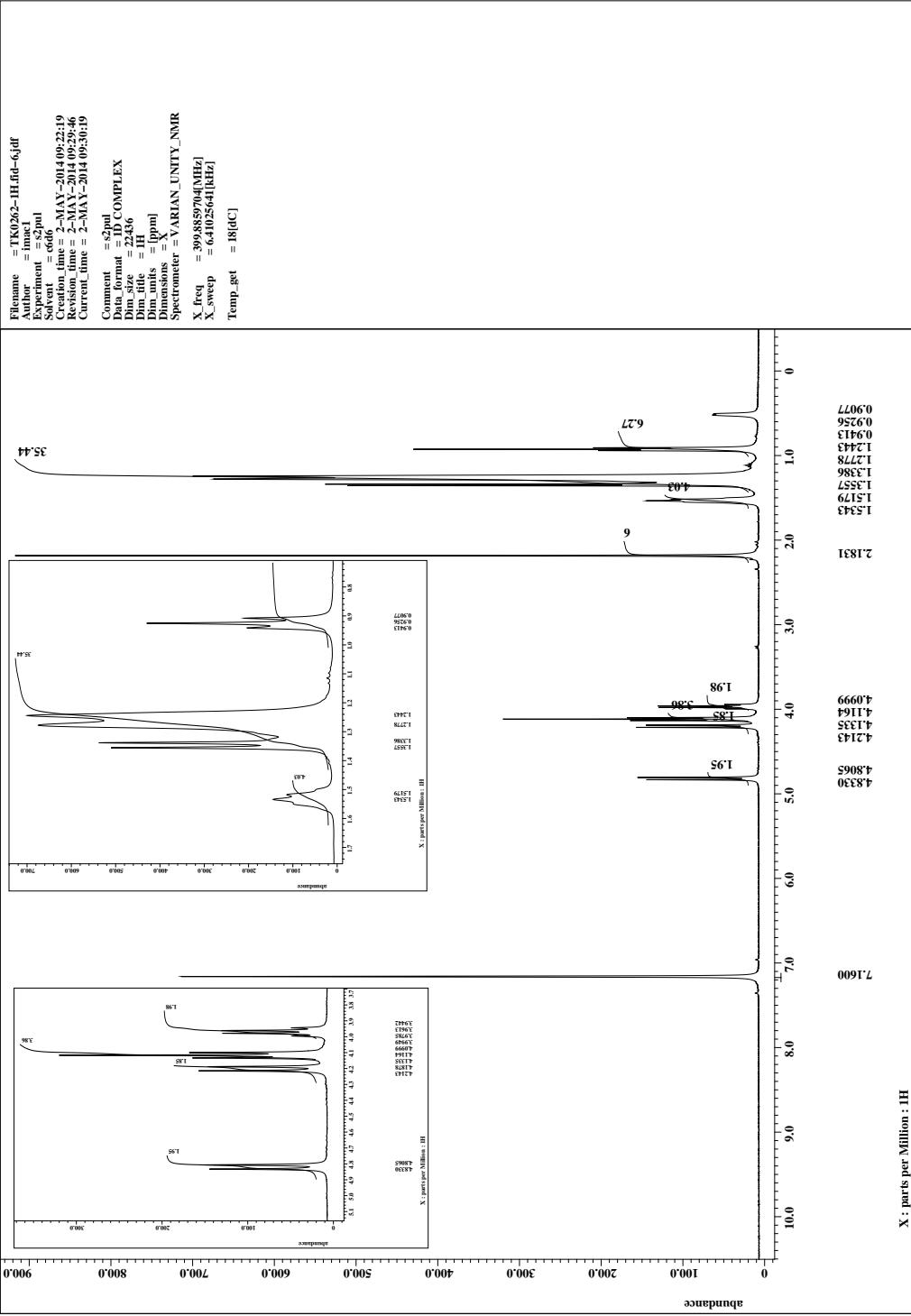


Figure S39. ^1H NMR spectrum of **M10-NO₂**, in CDCl_3 .





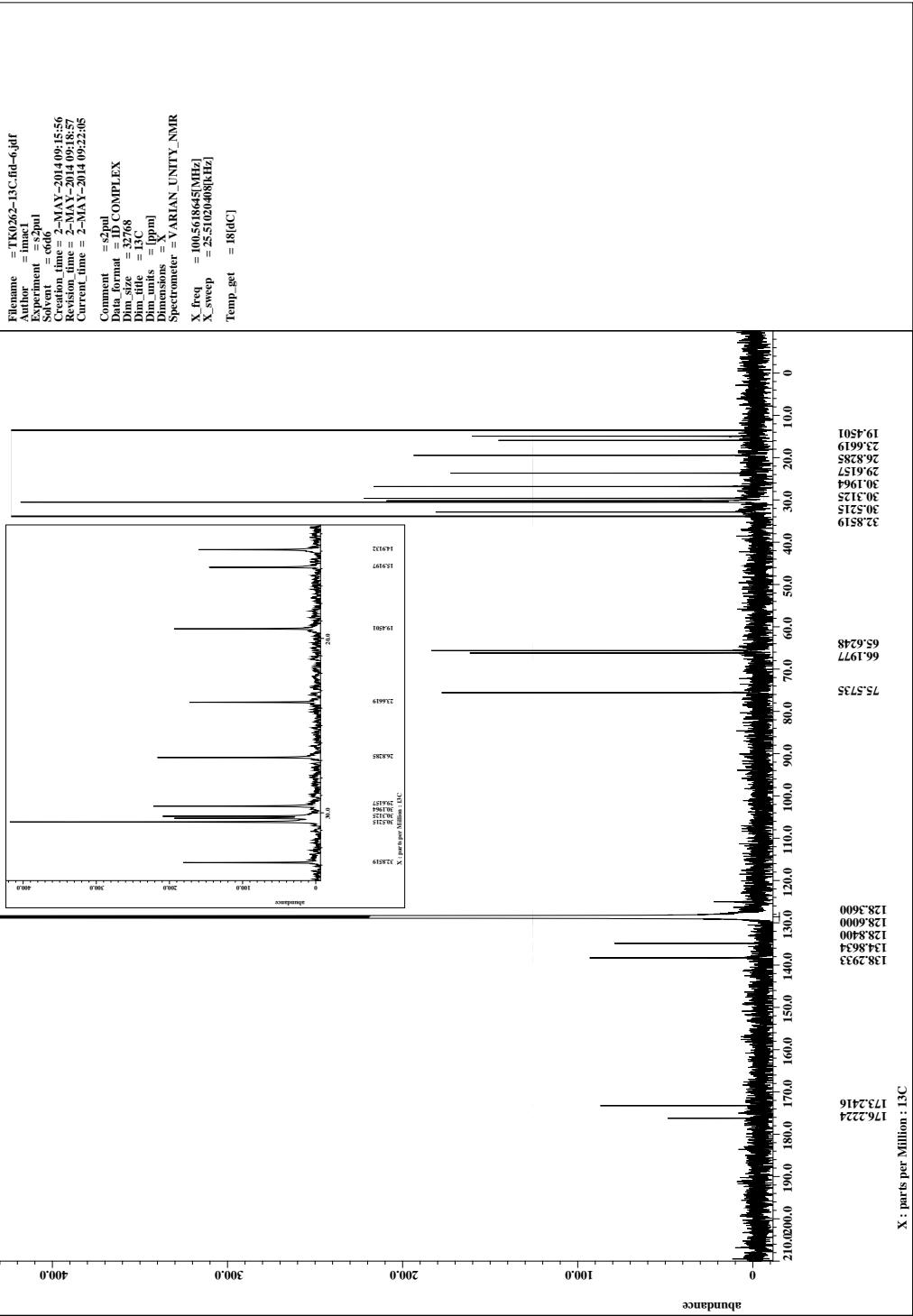


Figure S42. ^{13}C NMR spectrum of **M10-NC** in C_6D_6 .

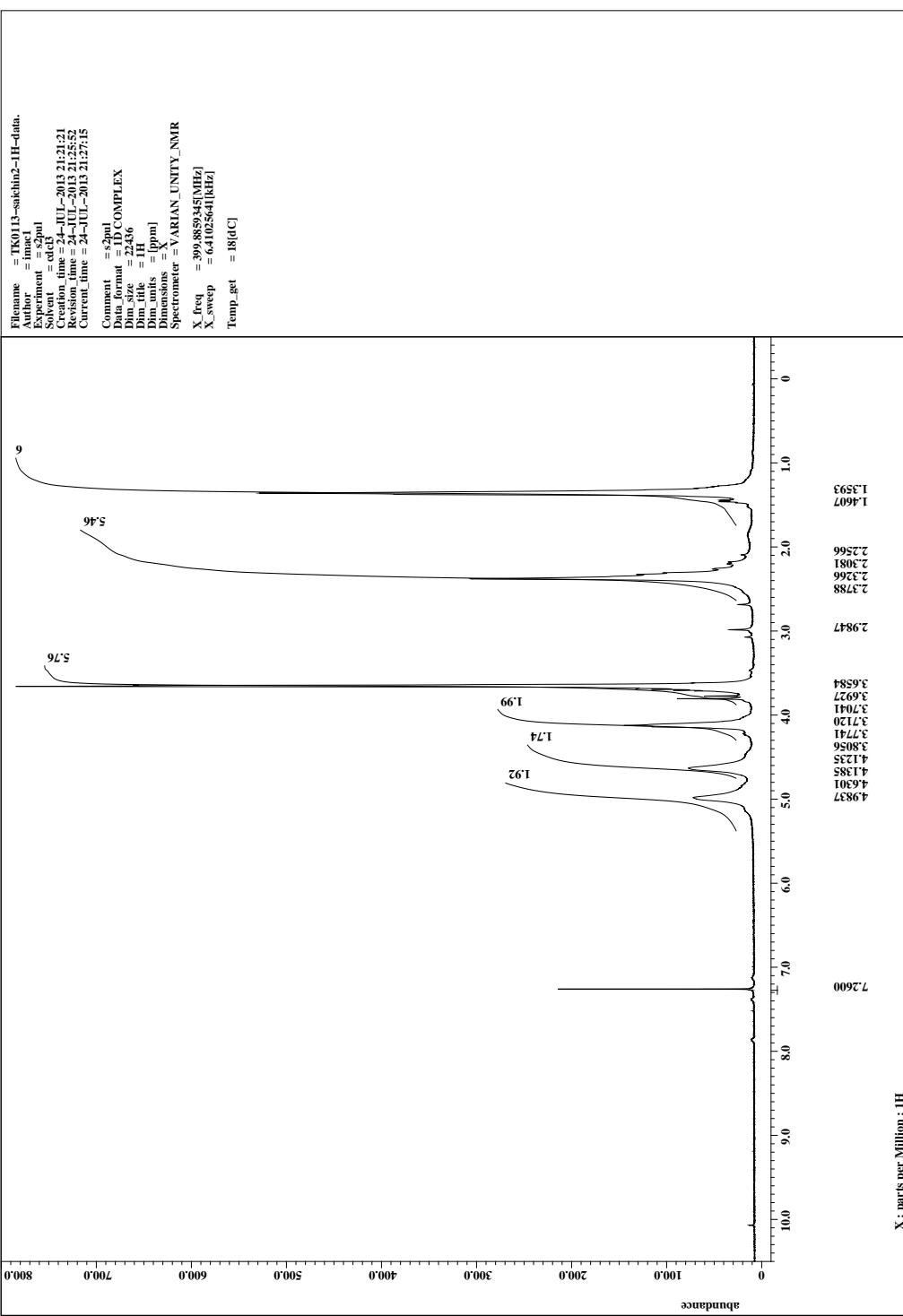


Figure S43. ^1H NMR spectrum of **1(40)** in CDCl_3 .

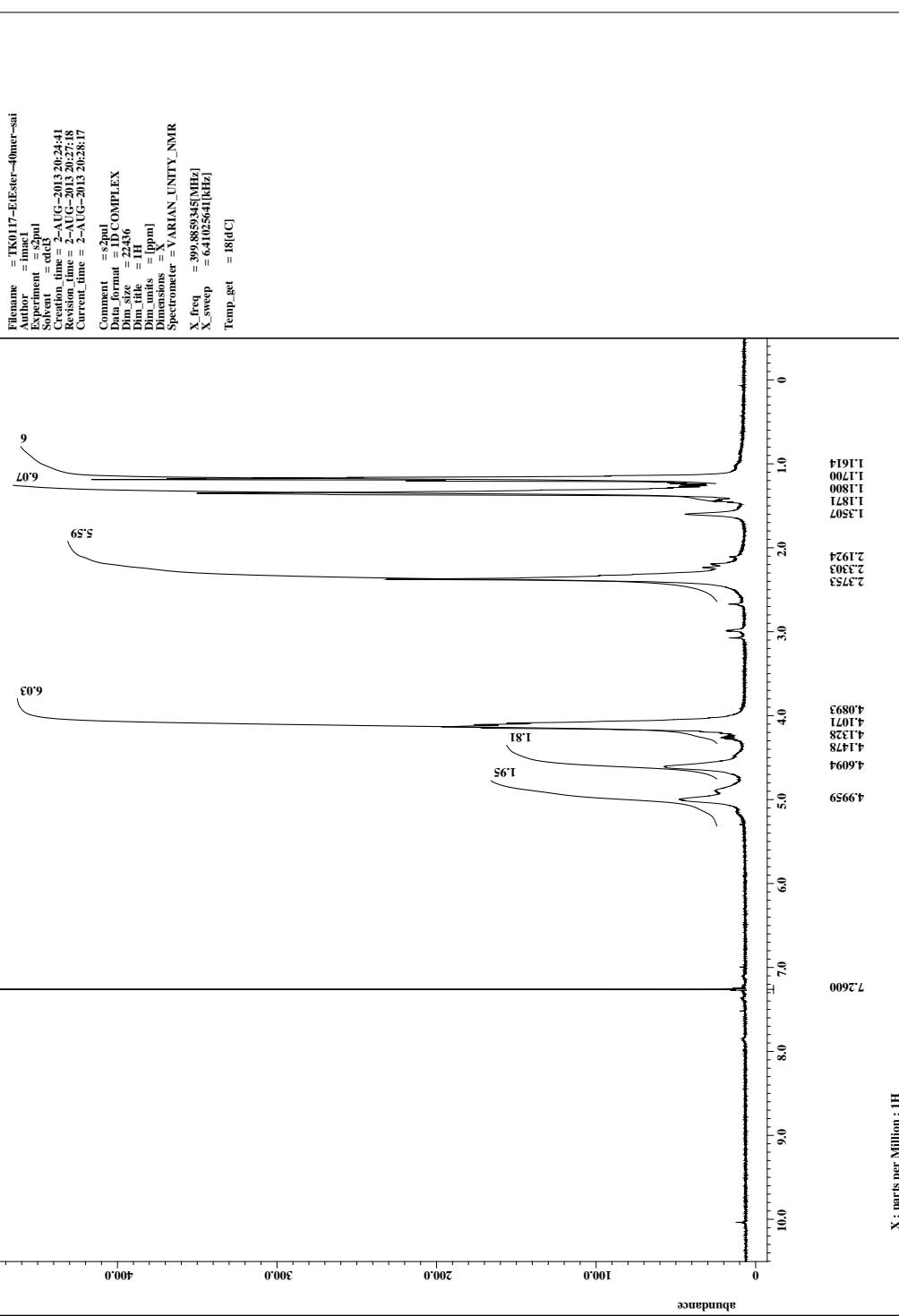


Figure S44. ^1H NMR spectrum of **2(40)** in CDCl_3 .

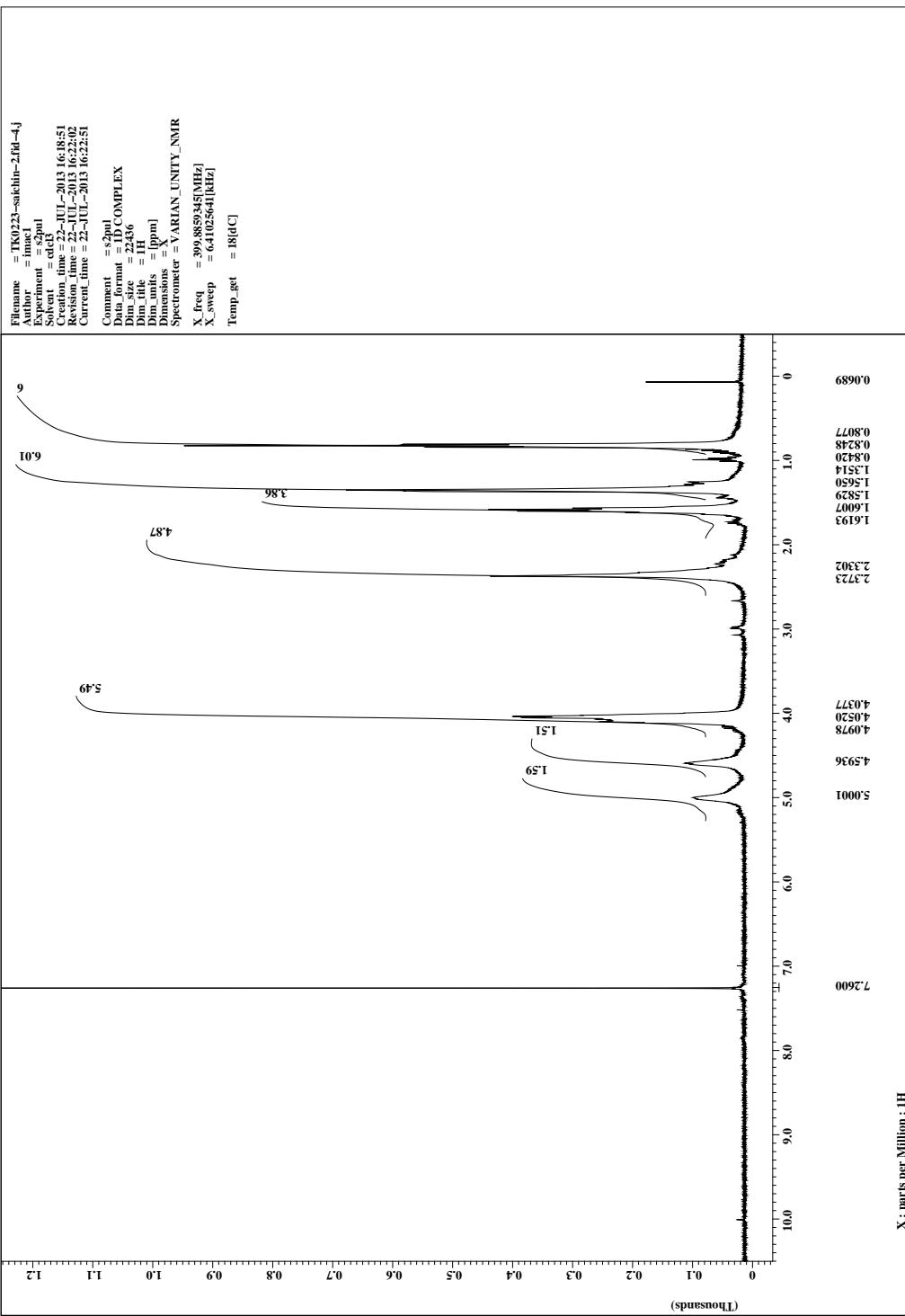


Figure S45. ^1H NMR spectrum of **3(40)** in CDCl_3 .

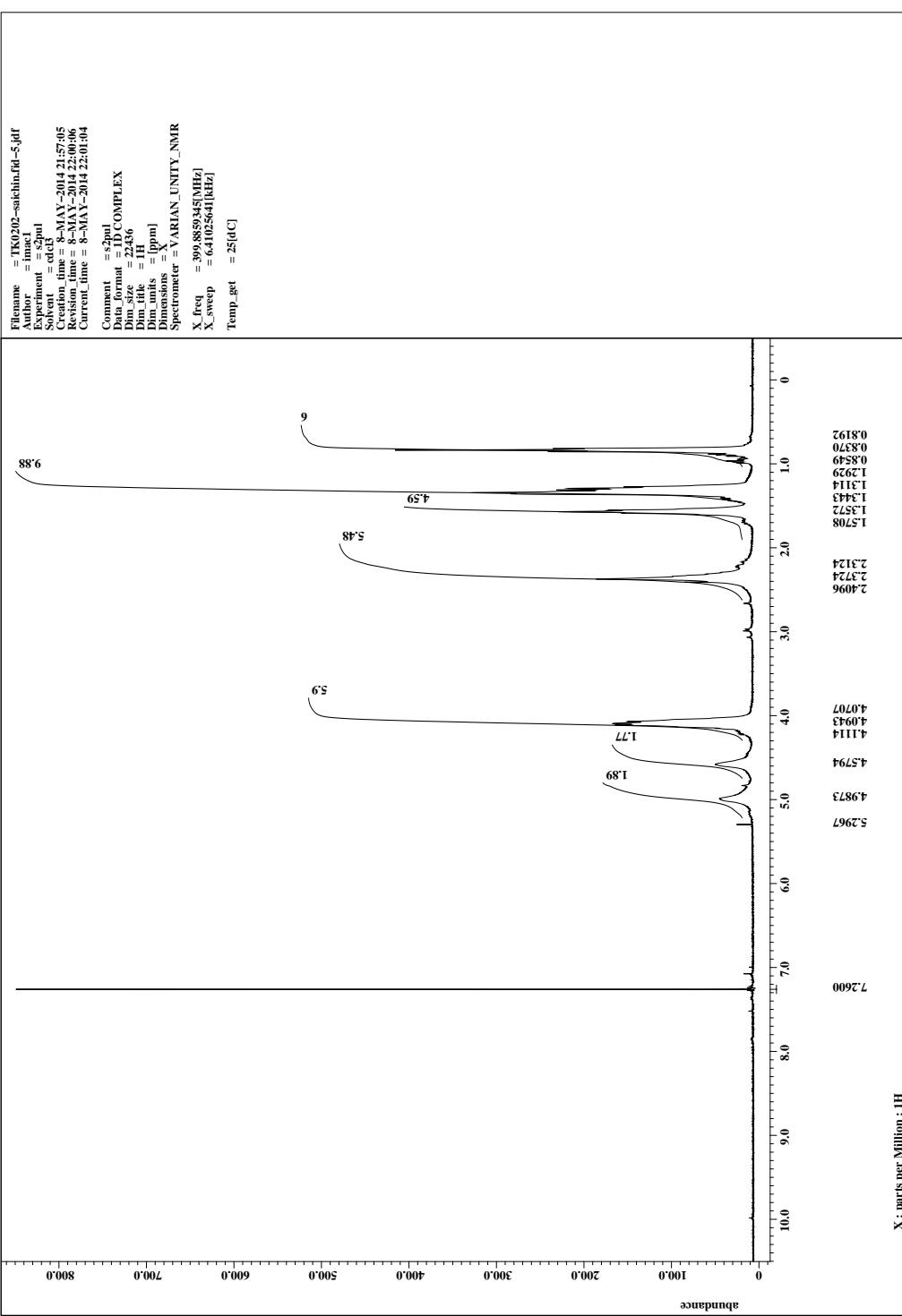


Figure S46. ^1H NMR spectrum of **4(40)** in CDCl_3 .

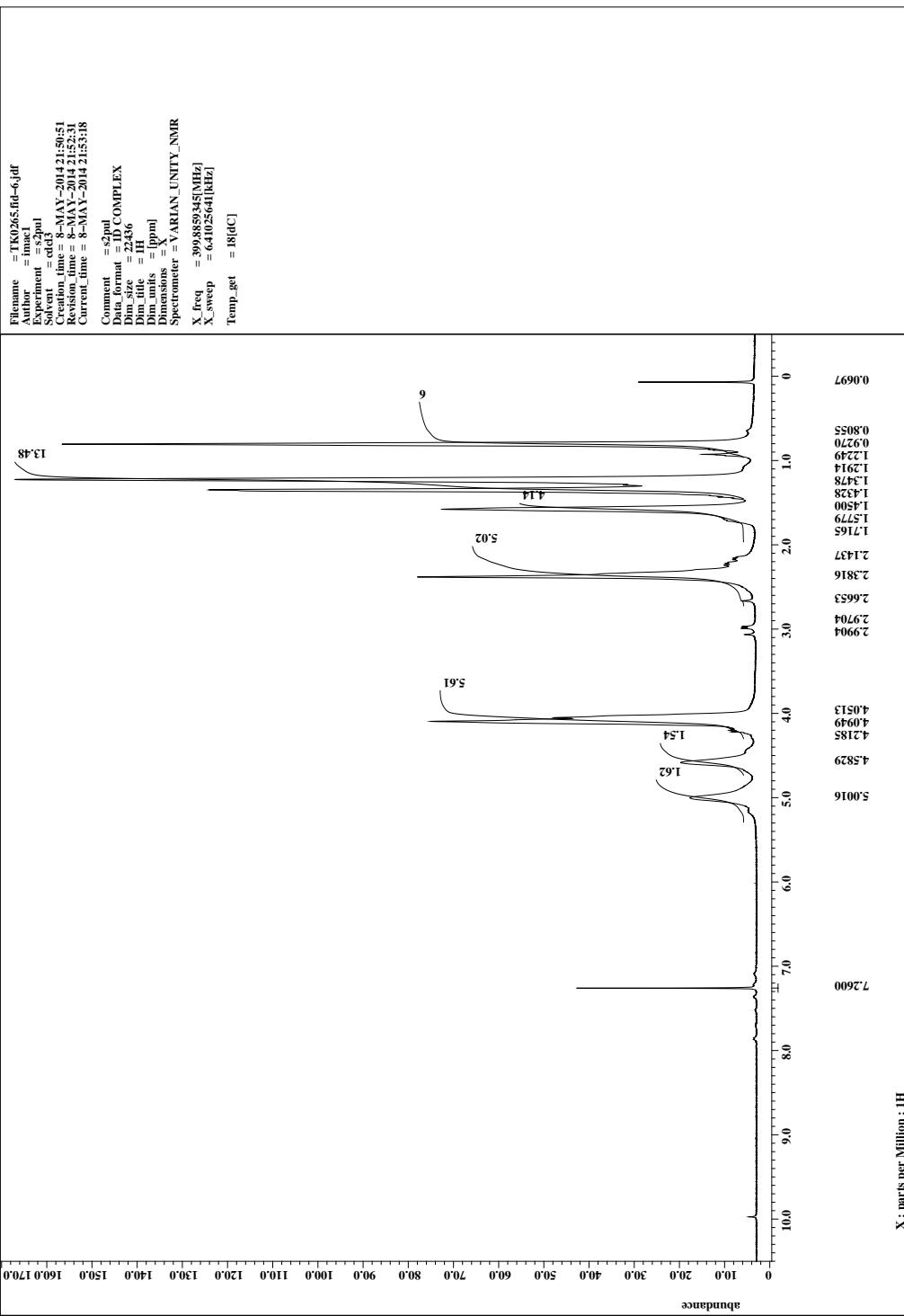


Figure S47. ^1H NMR spectrum of **5(40)** in CDCl_3 .

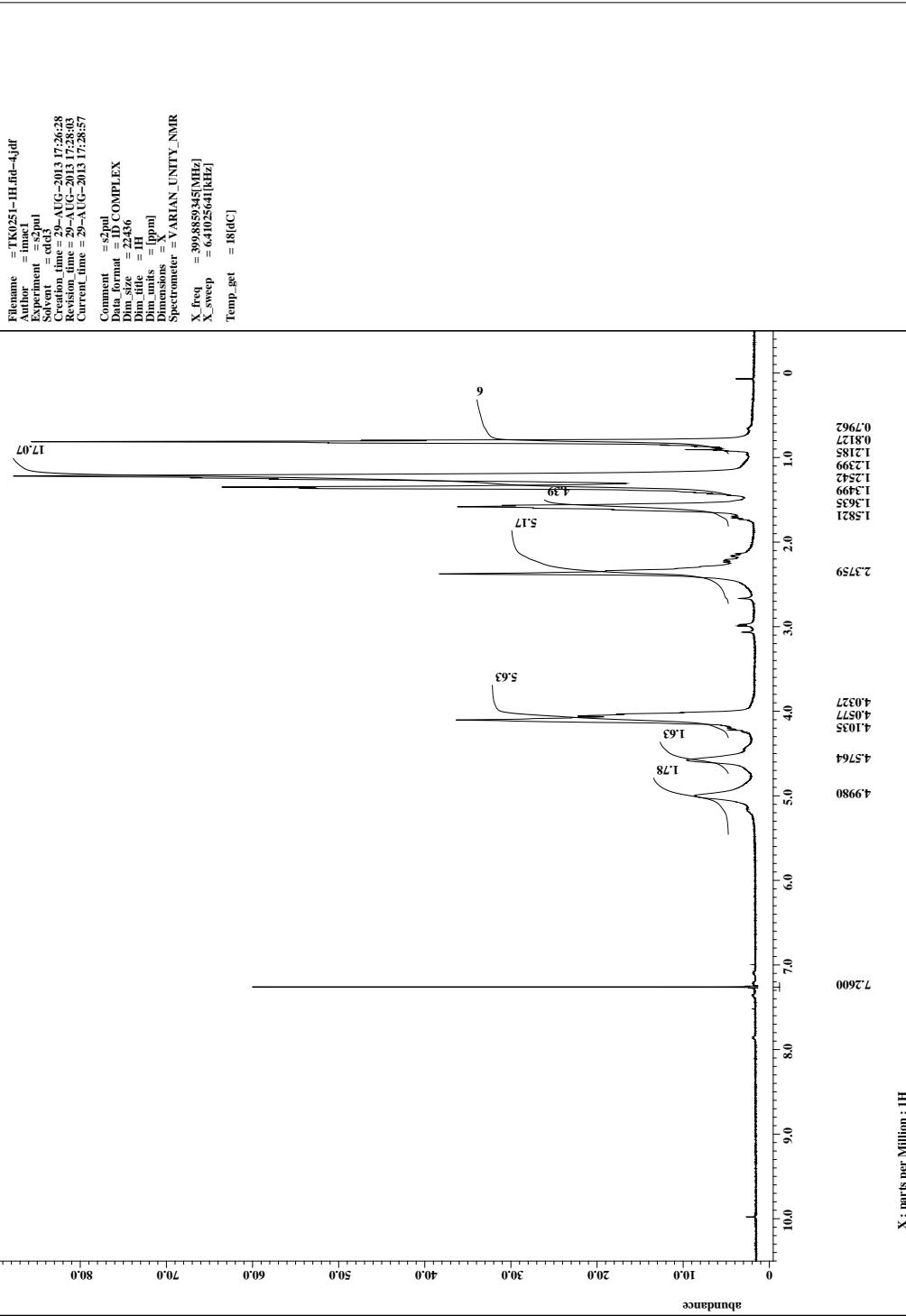


Figure S48. ^1H NMR spectrum of **6(40)** in CDCl_3 .

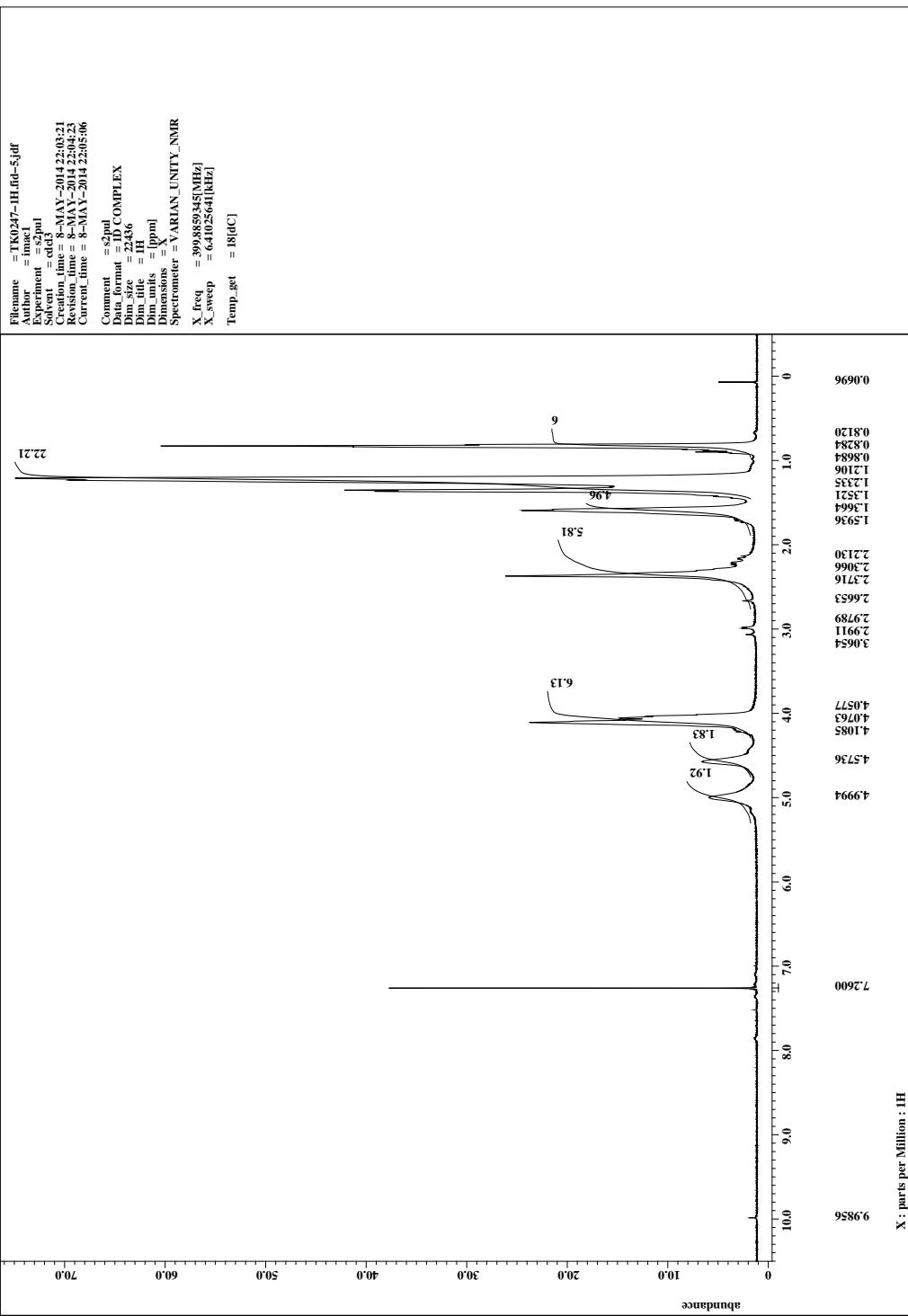


Figure S49. ^1H NMR spectrum of **7(40)** in CDCl_3 .

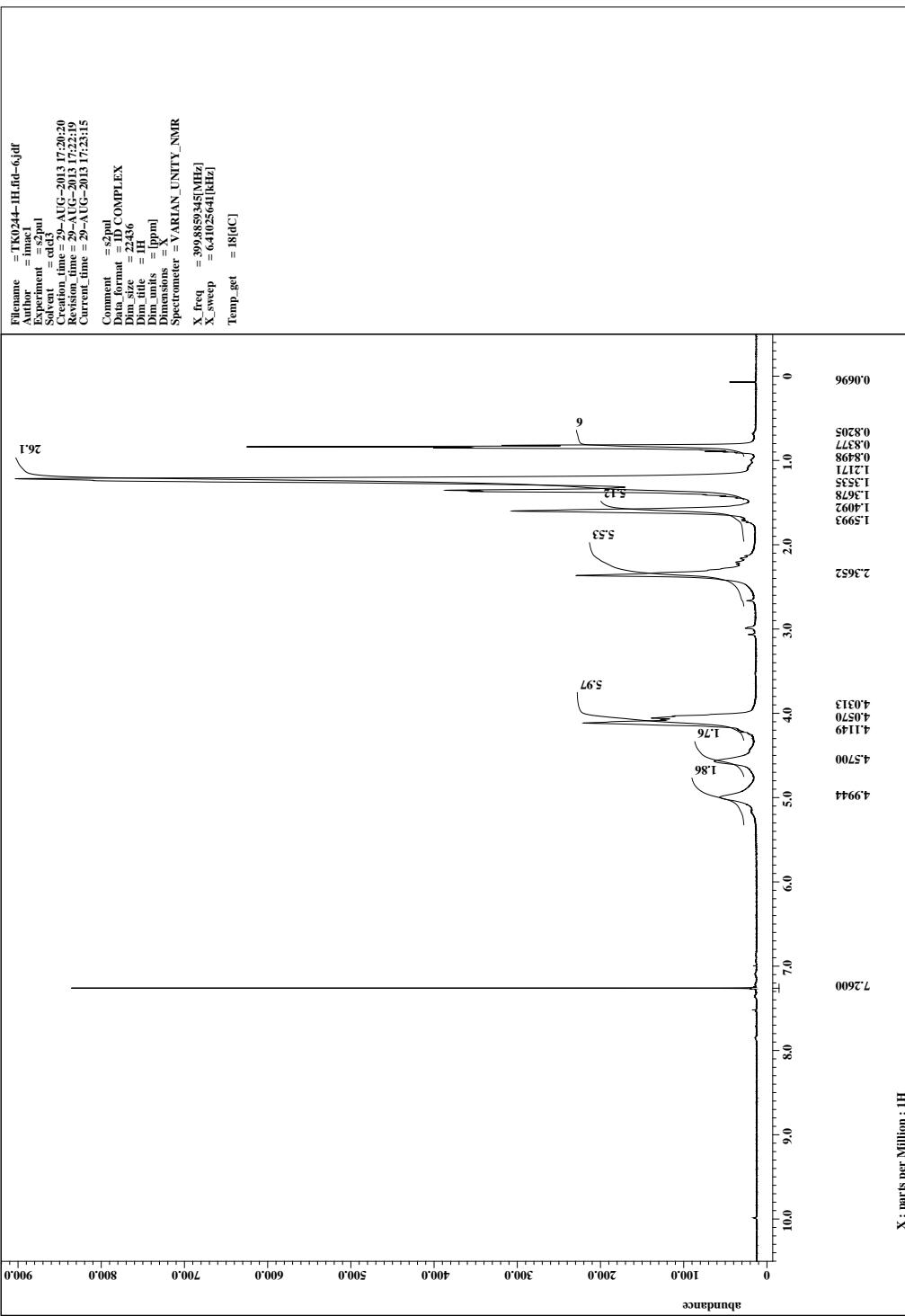


Figure S50. ^1H NMR spectrum of **8(40)** in CDCl_3 .

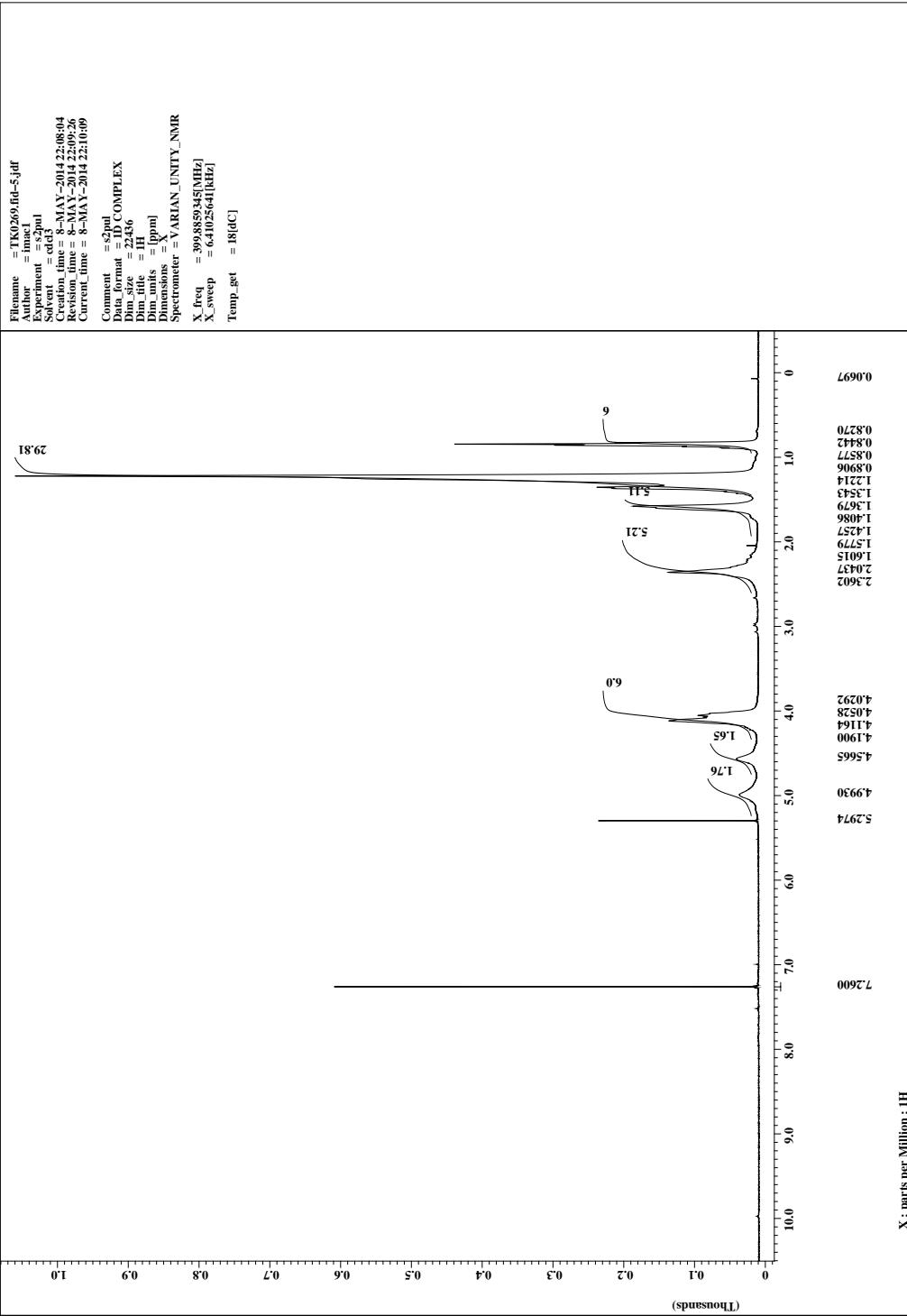


Figure S51. ^1H NMR spectrum of **9(40)** in CDCl_3 .

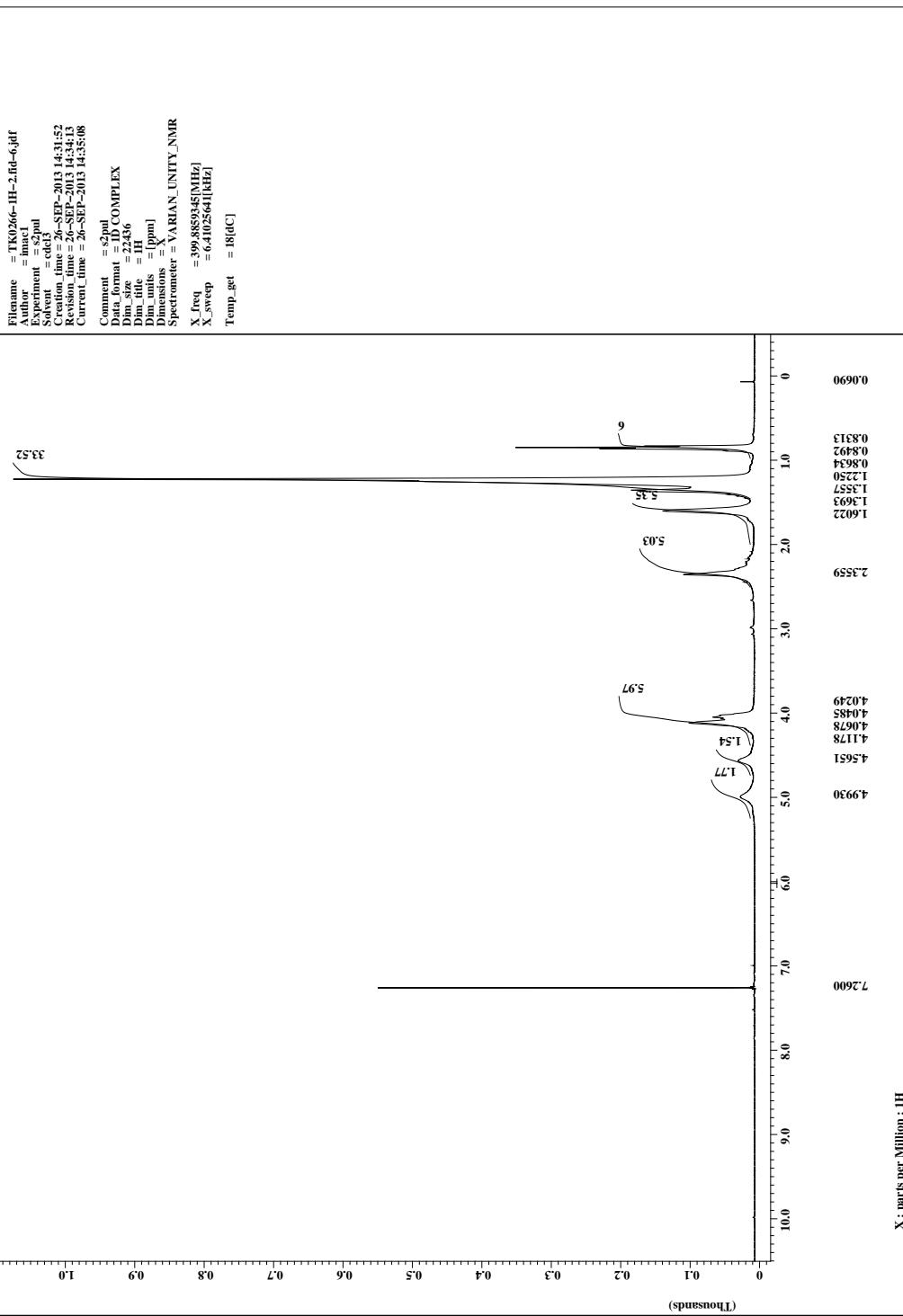


Figure S52. ^1H NMR spectrum of **10(40)** in CDCl_3 .

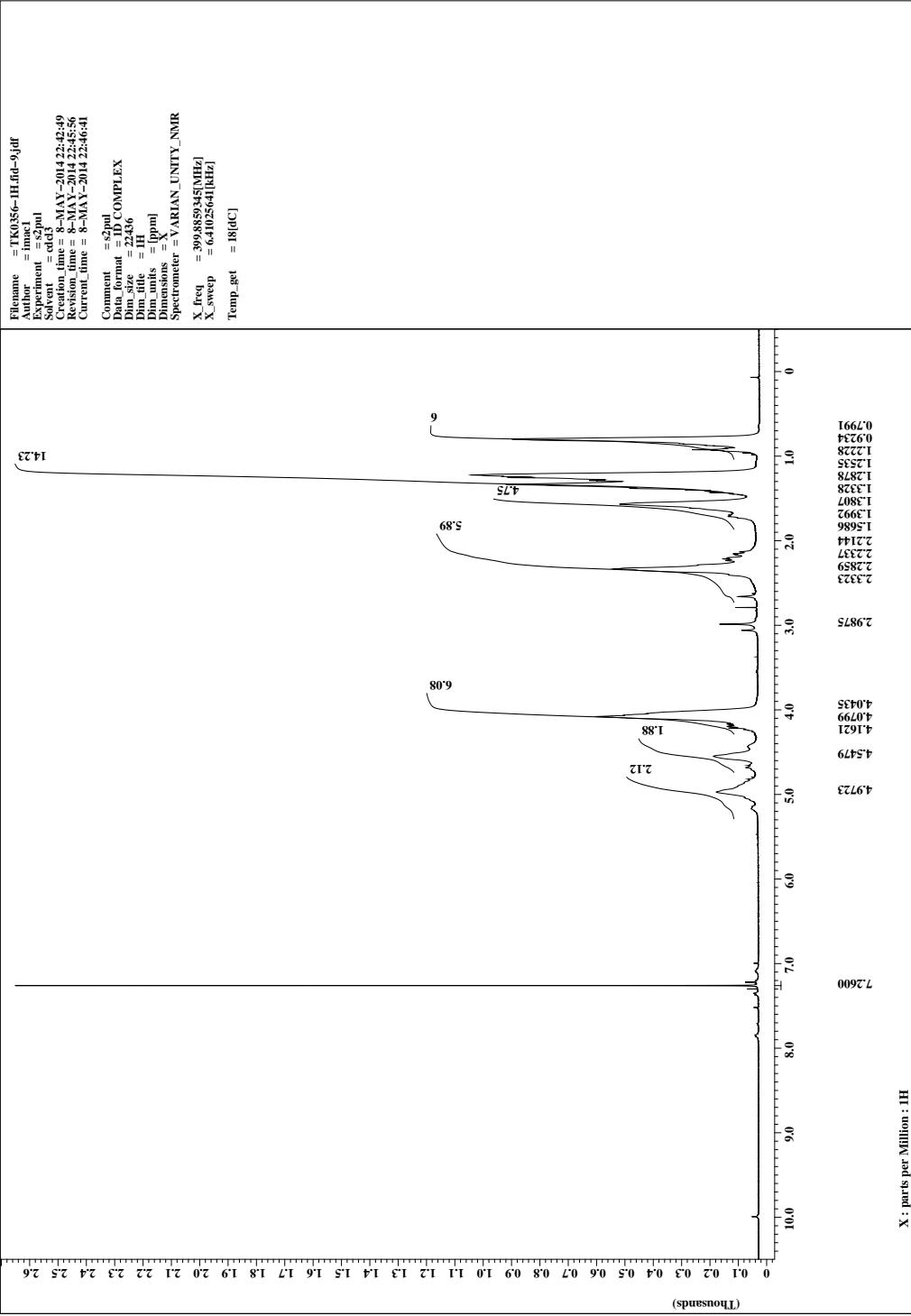


Figure S53. ^1H NMR spectrum of **5(20)** in CDCl_3 .

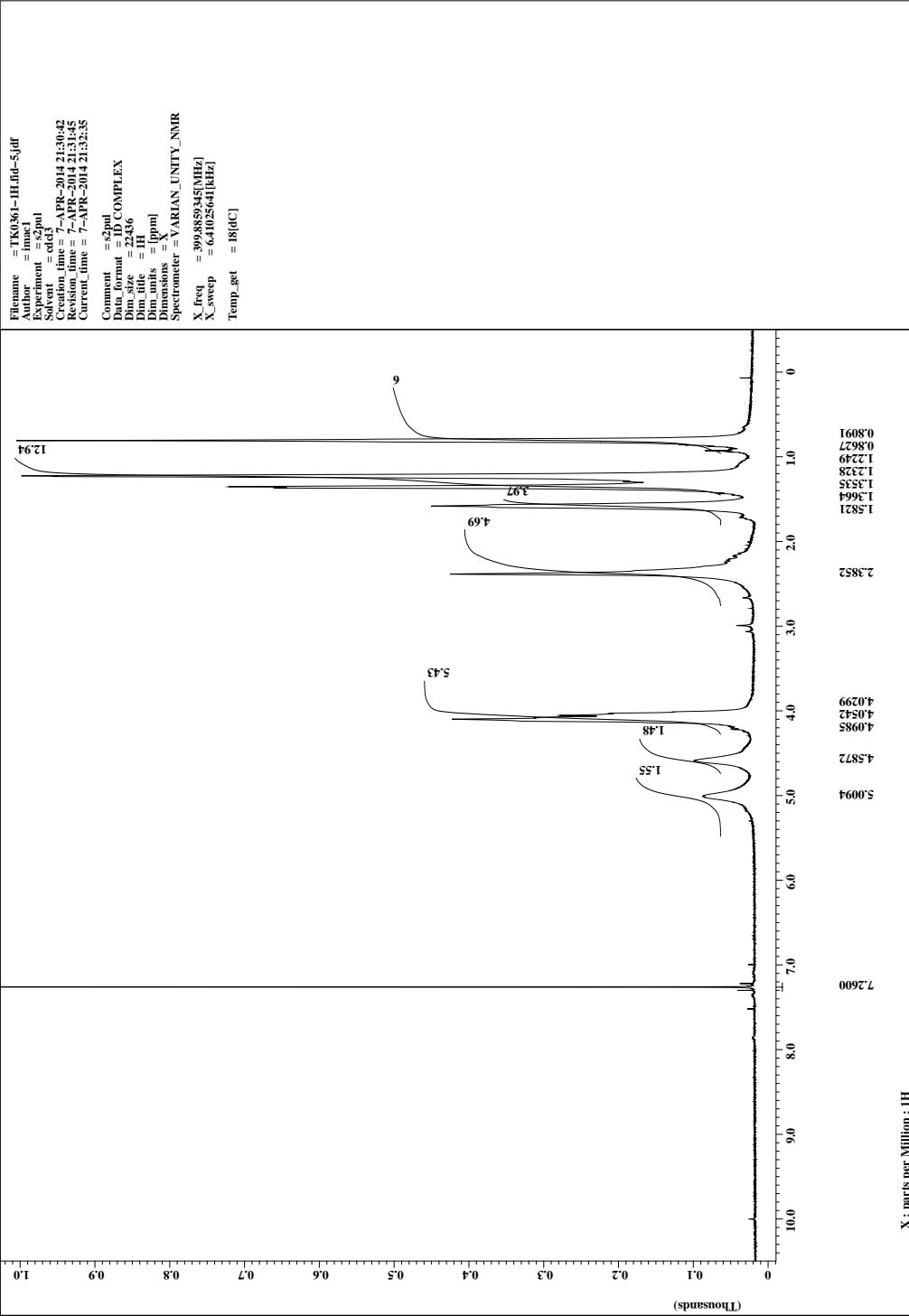


Figure S54. ^1H NMR spectrum of **5(60)** in CDCl_3 .

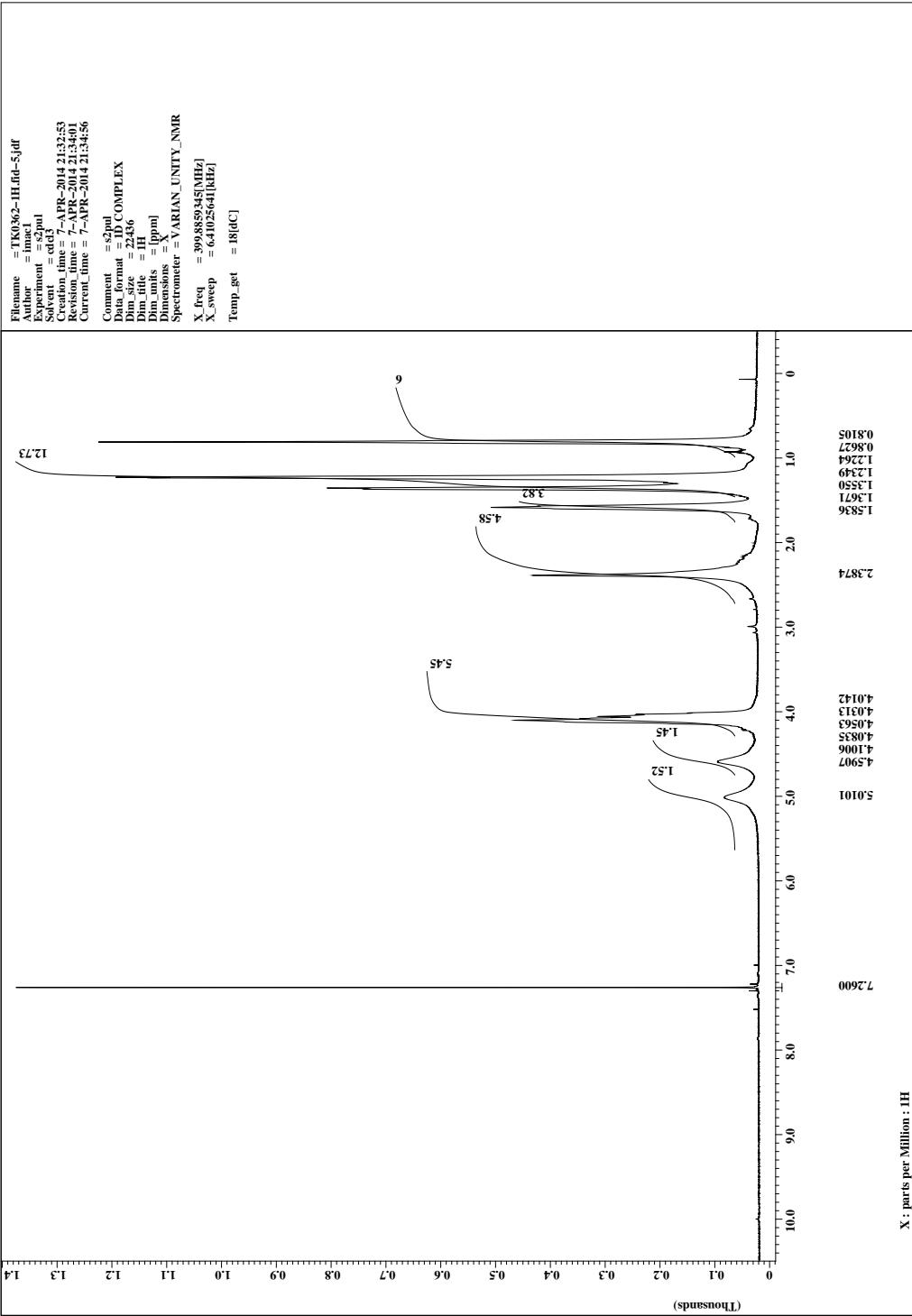


Figure S55. ^1H NMR spectrum of **5(80)** in CDCl_3 .

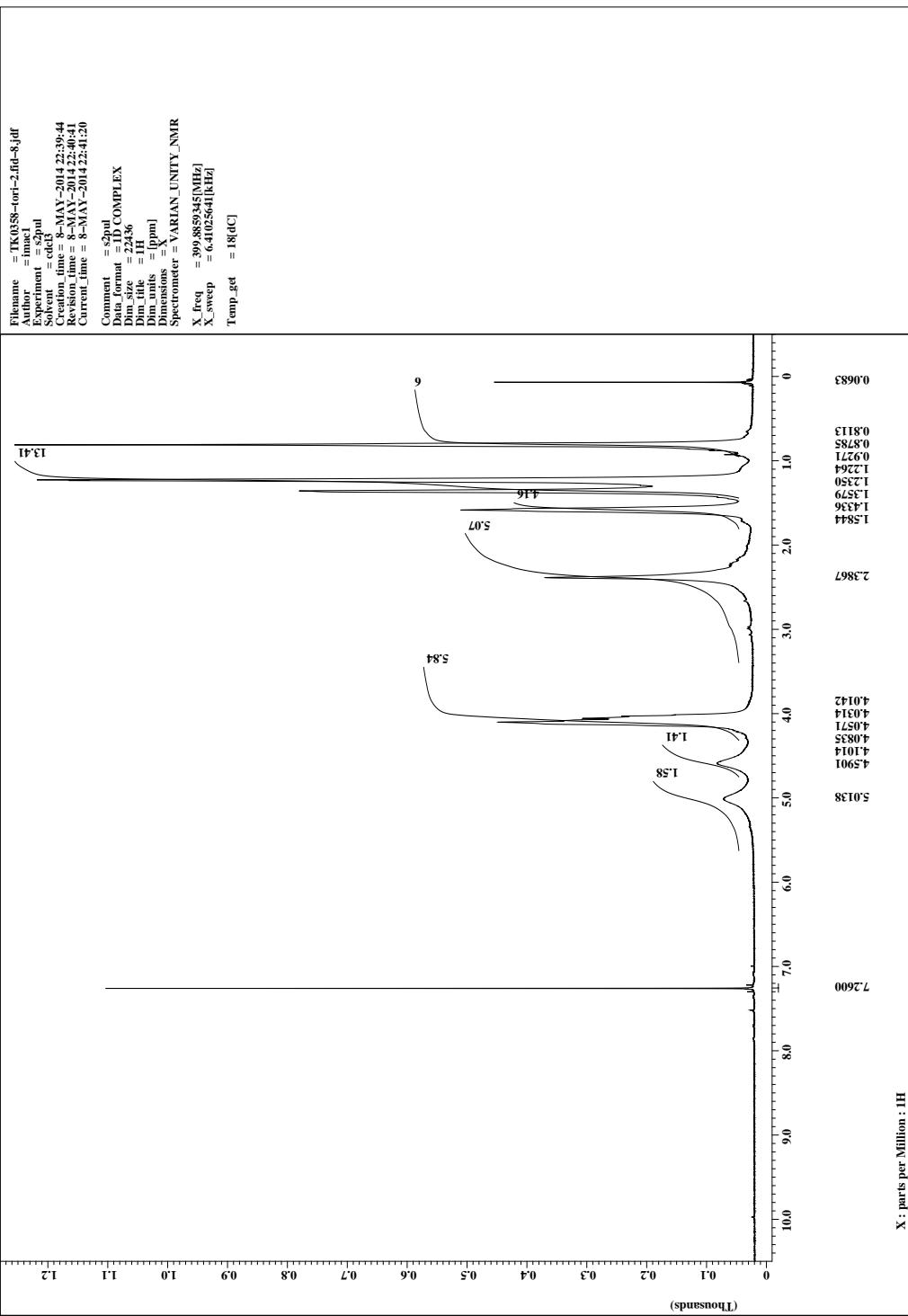


Figure S56. ^1H NMR spectrum of **5(100)** in CDCl_3 .

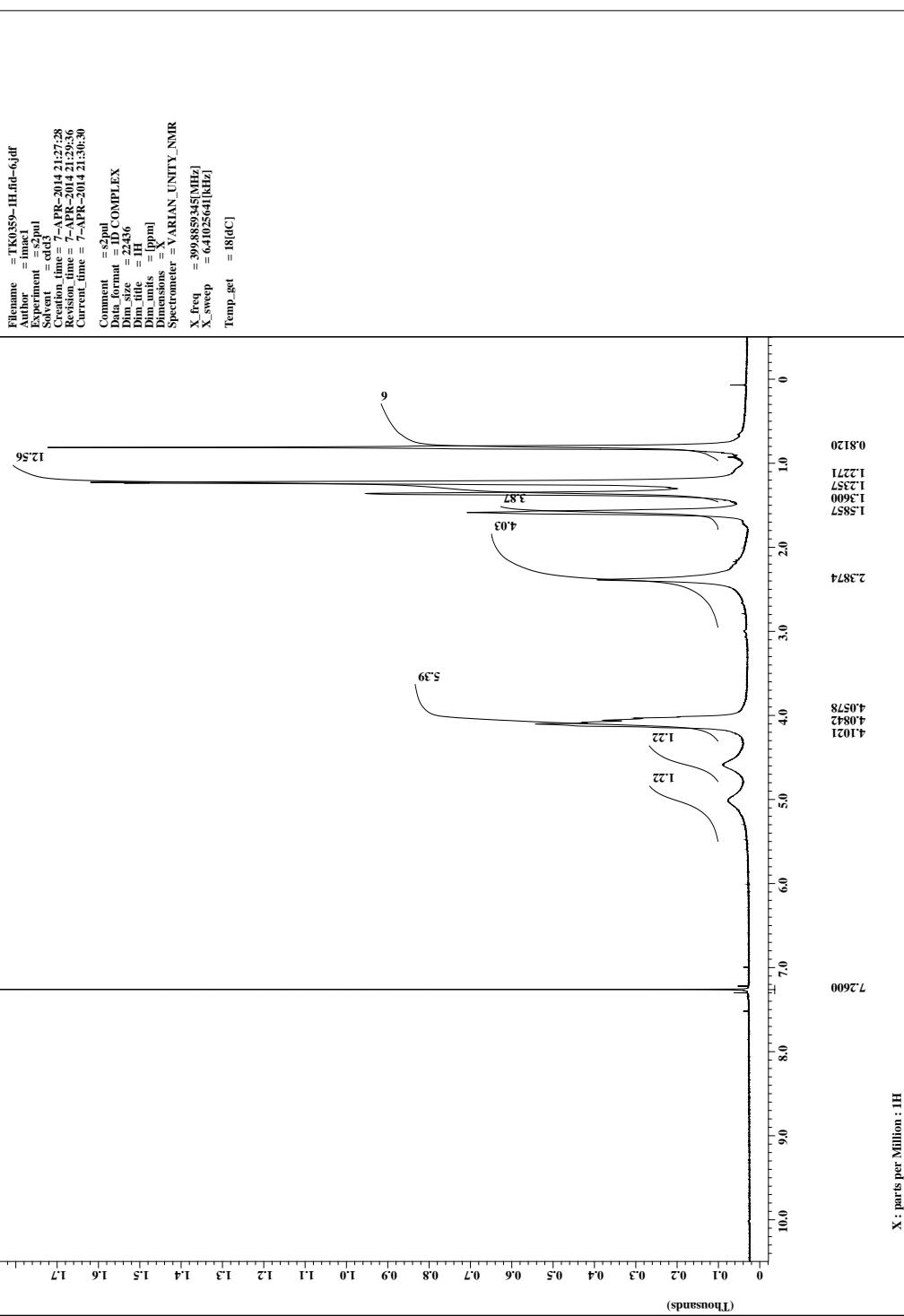


Figure S57. ^1H NMR spectrum of **5(150)** in CDCl_3 .

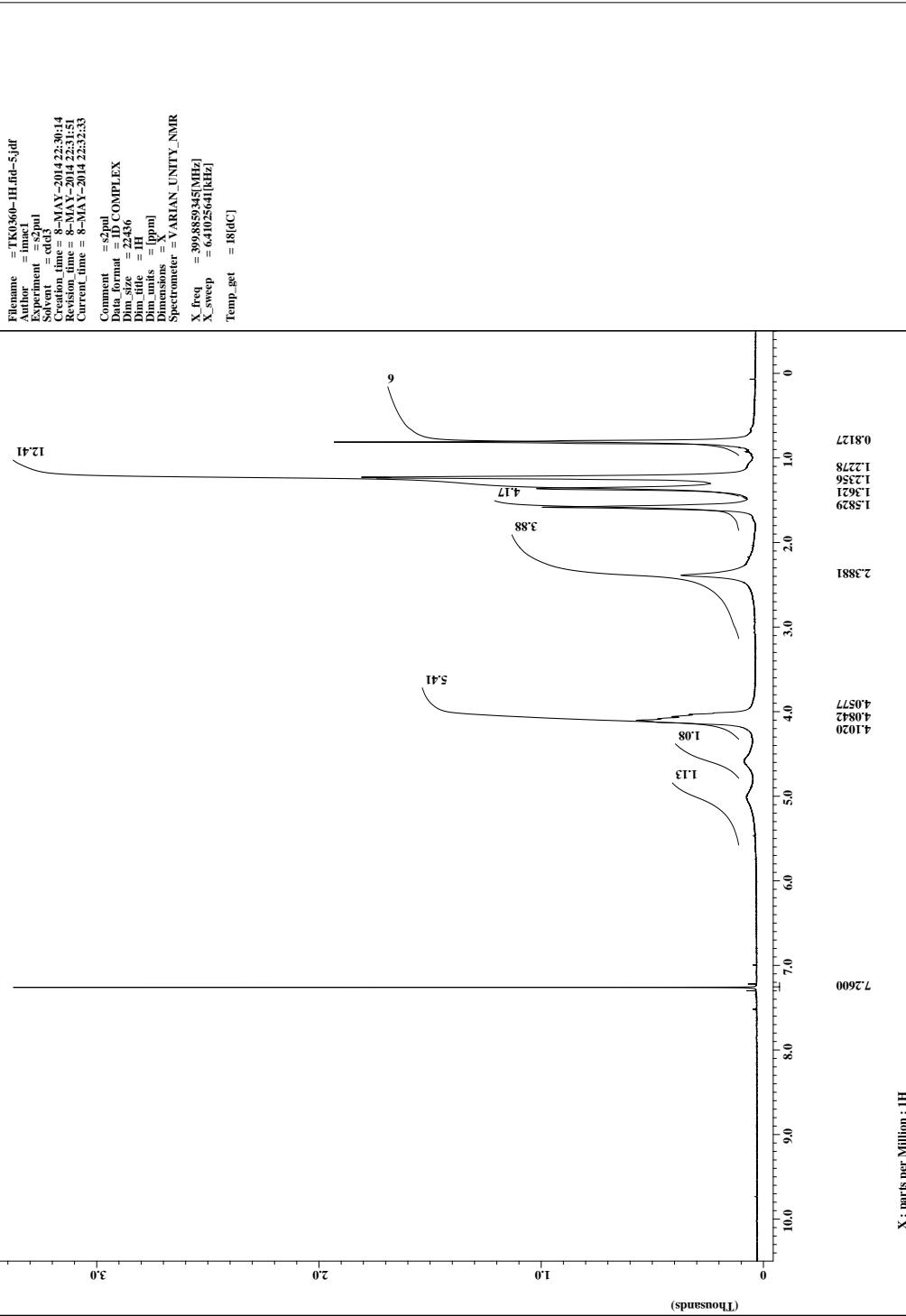


Figure S58. ^1H NMR spectrum of **5(200)** in CDCl_3 .

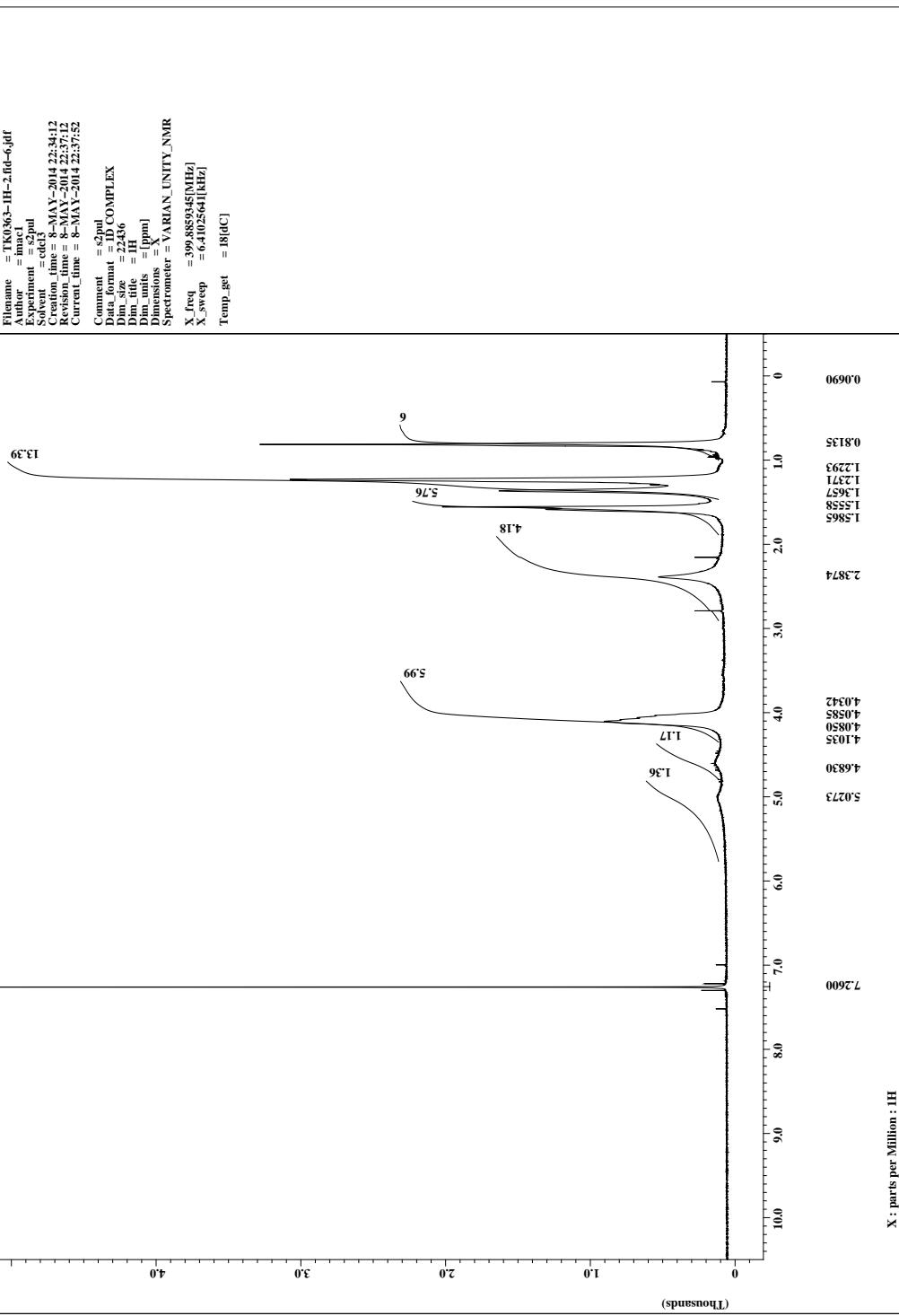


Figure S59. ^1H NMR spectrum of **5(300)** in CDCl_3 .

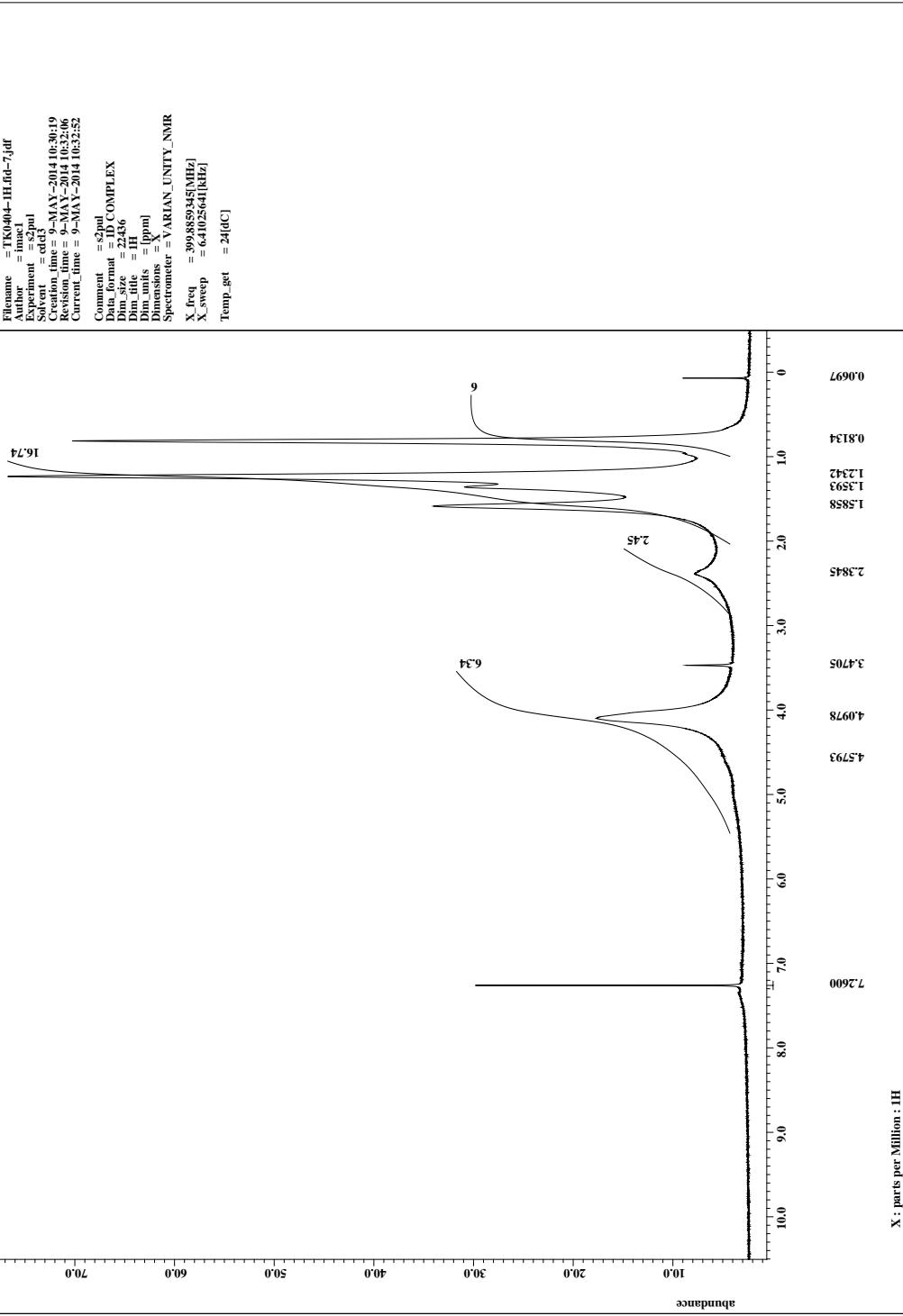


Figure S60. ^1H NMR spectrum of **5(1000-50)** in CDCl_3 .

2 UV-vis and CD Spectra of New Compounds

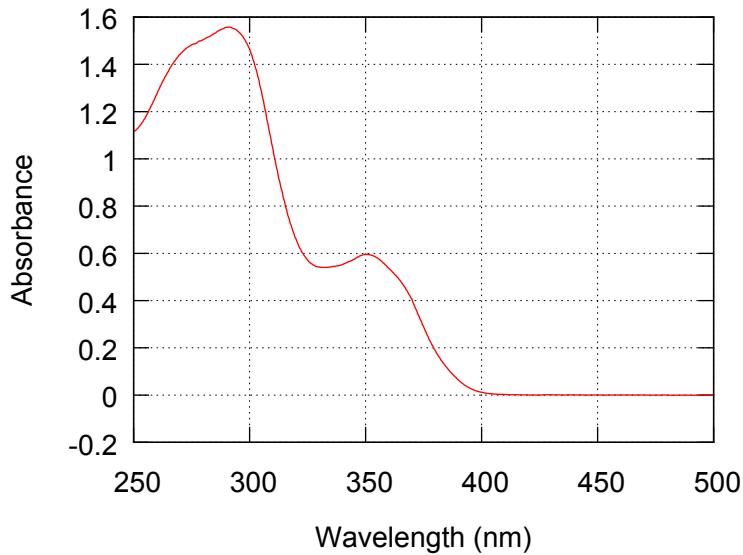


Figure S61. UV-vis absorption spectrum of (S)-BQ in CHCl_3 (2.54×10^{-2} g/L, path length = 10 mm).

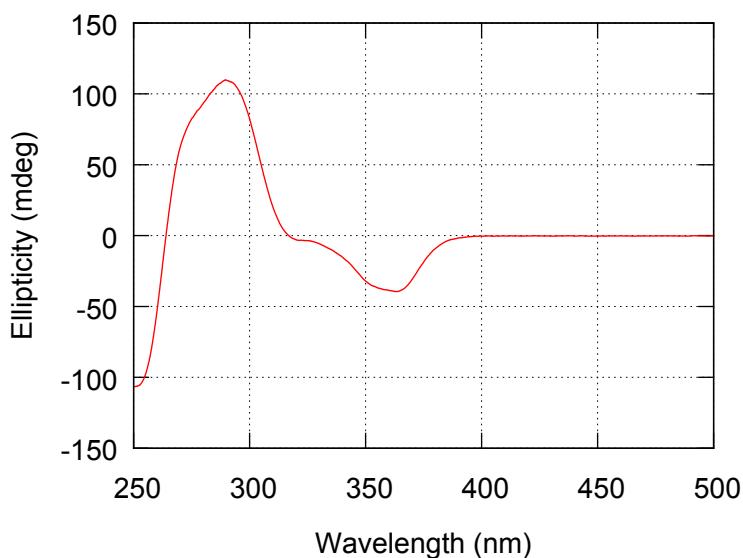


Figure S62. CD spectrum of (S)-BQ in CHCl_3 (2.54×10^{-2} g/L, path length = 10 mm).

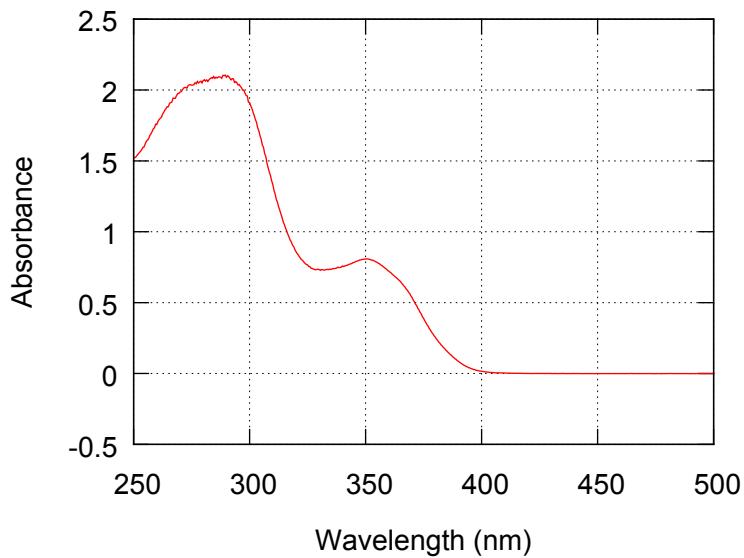


Figure S63. UV-vis absorption spectrum of **(S)-BQ** in CH_2Cl_2 (3.01×10^{-2} g/L, path length = 10 mm).

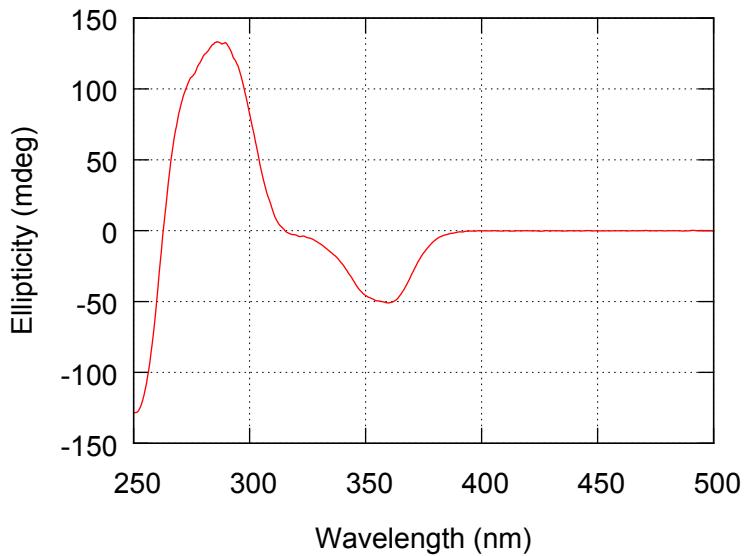


Figure S64. CD spectrum of **(S)-BQ** in CH_2Cl_2 (3.01×10^{-2} g/L, path length = 10 mm).

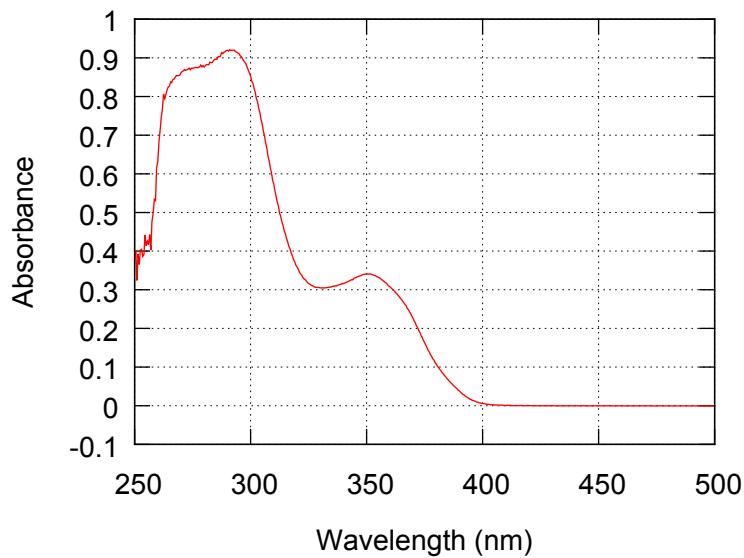


Figure S65. UV-vis absorption spectrum of (*S*)-**BQ** in 1,1,2-TCE (1.86×10^{-2} g/L, path length = 10 mm).

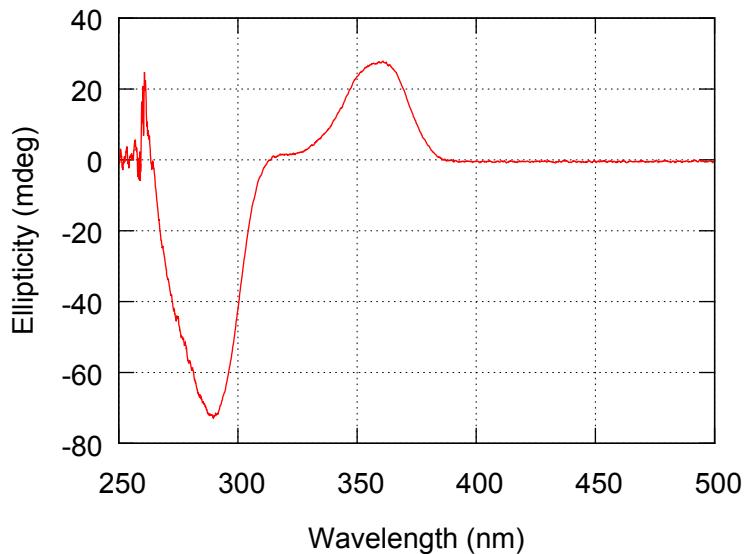


Figure S66. CD spectrum of (*S*)-**BQ** in 1,1,2-TCE (1.86×10^{-2} g/L, path length = 10 mm).

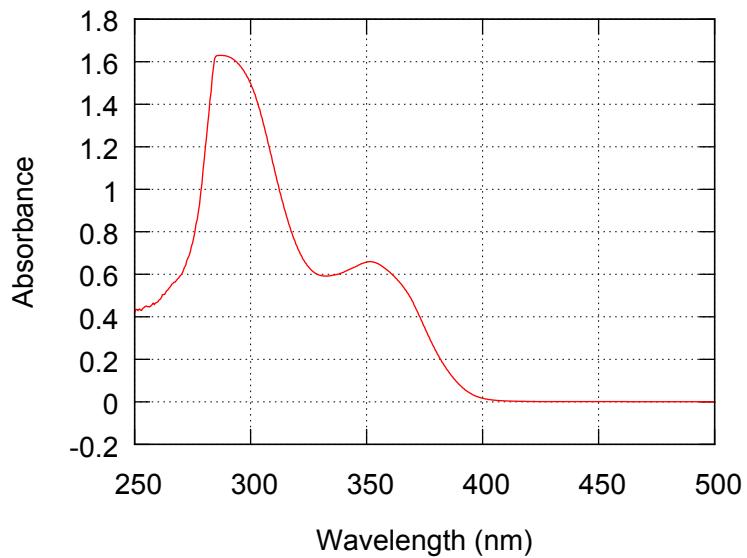


Figure S67. UV-vis absorption spectrum of **(S)-BQ** in Toluene (3.01×10^{-2} g/L, path length = 10 mm).

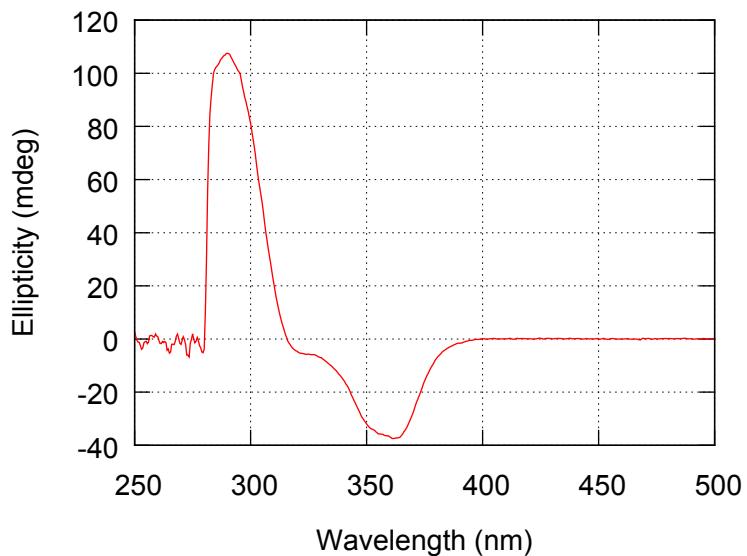


Figure S68. CD spectrum of **(S)-BQ** in Toluene (3.01×10^{-2} g/L, path length = 10 mm).

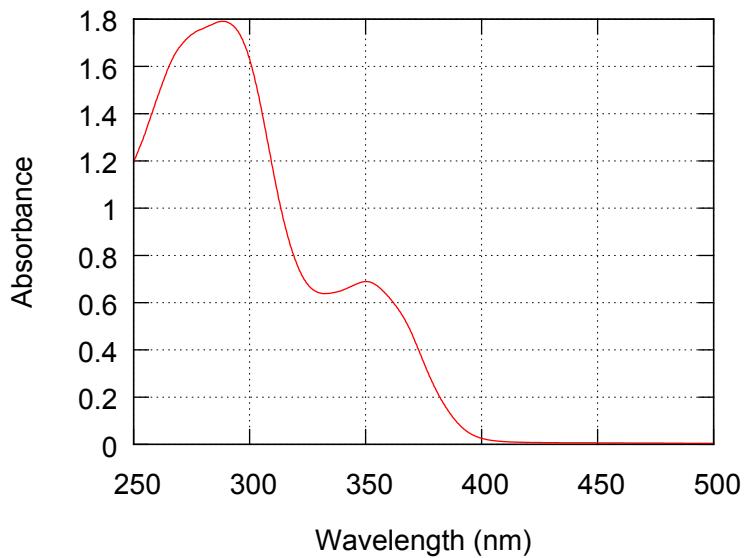


Figure S69. UV-vis absorption spectrum of (*S*)-**BQ** in THF (3.01×10^{-2} g/L, path length = 10 mm).

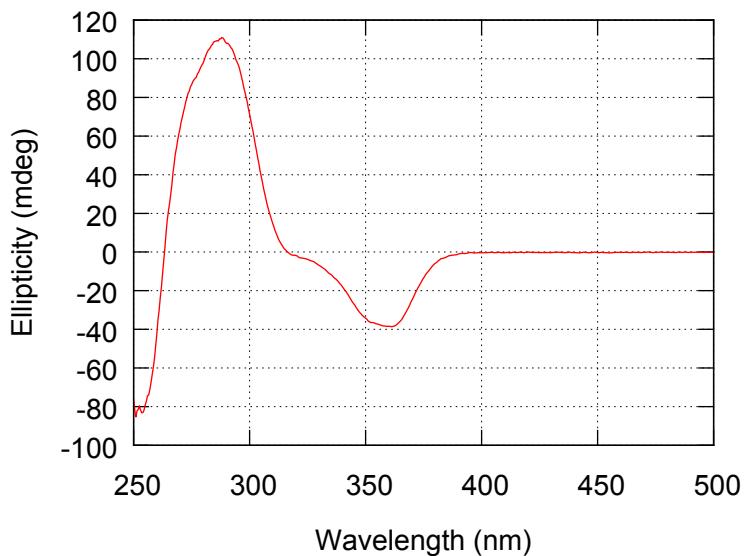


Figure S70. CD spectrum of (*S*)-**BQ** in THF (3.01×10^{-2} g/L, path length = 10 mm).

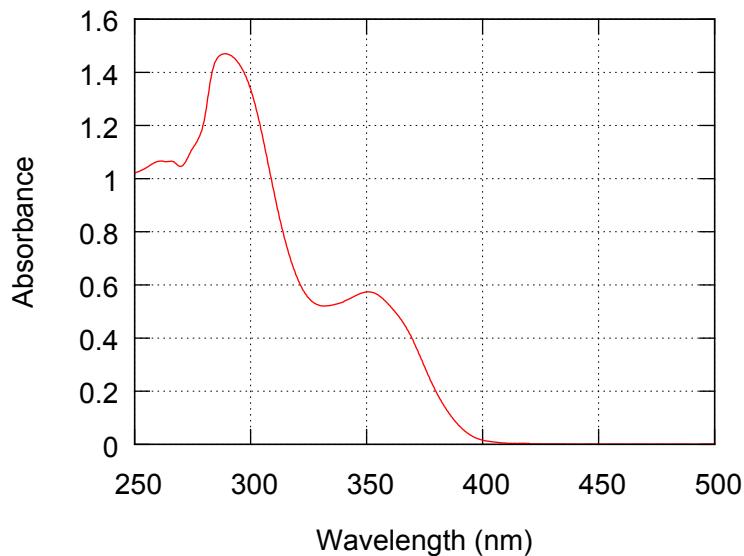


Figure S71. UV-vis absorption spectrum of (*S*)-**BQ** in 1,4-Dioxane (3.01×10^{-2} g/L, path length = 10 mm).

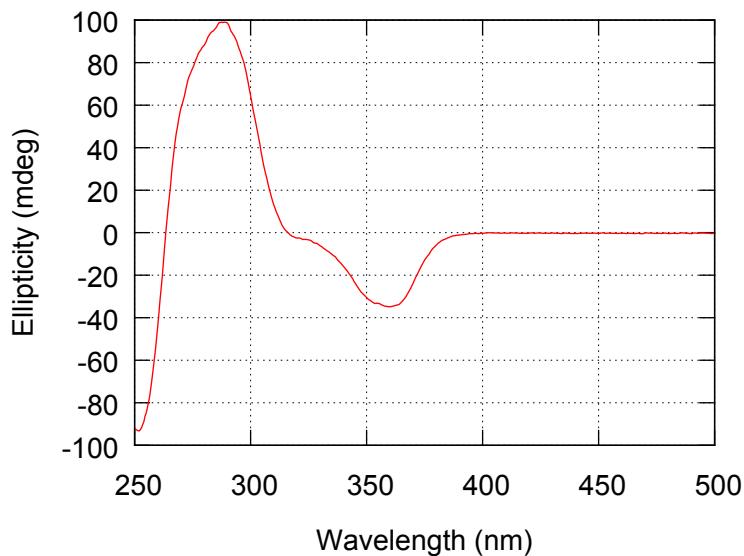


Figure S72. CD spectrum of (*S*)-**BQ** in 1,4-Dioxane (3.01×10^{-2} g/L, path length = 10 mm).

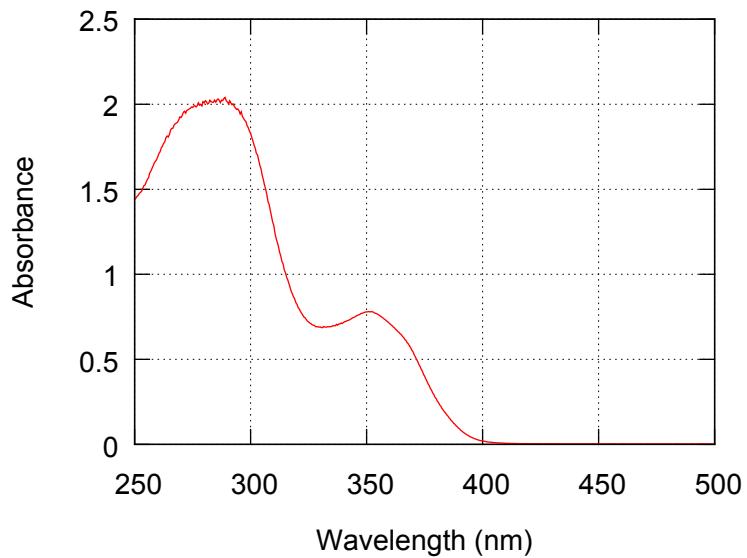


Figure S73. UV-vis absorption spectrum of (*S*)-**BQ** in 1,2-DME (3.01×10^{-2} g/L, path length = 10 mm).

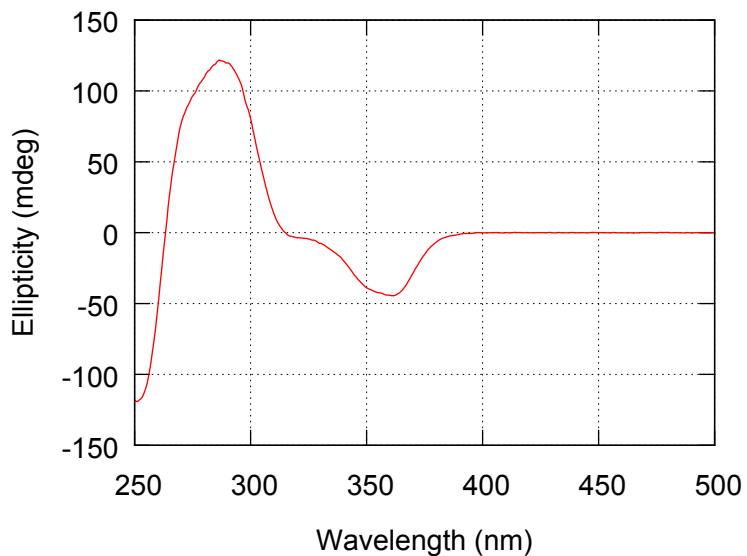


Figure S74. CD spectrum of (*S*)-**BQ** in 1,2-DME (3.01×10^{-2} g/L, path length = 10 mm).

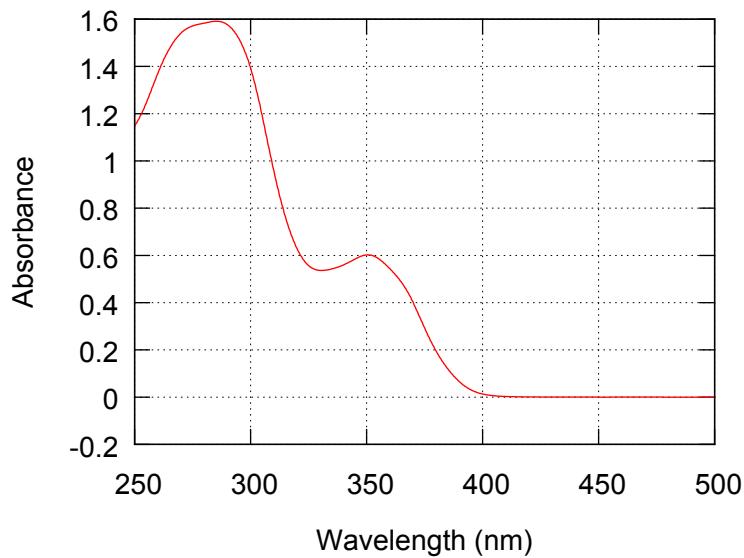


Figure S75. UV-vis absorption spectrum of (*S*)-**BQ** in Et₂O (3.01×10^{-2} g/L, path length = 10 mm).

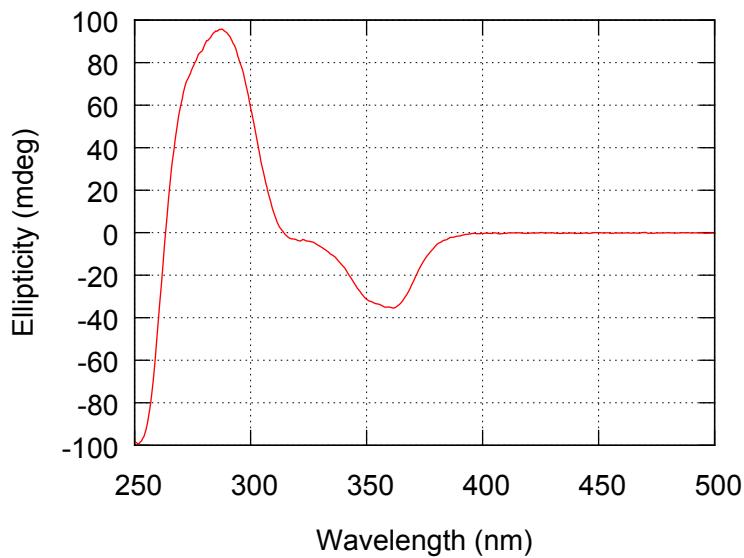


Figure S76. CD spectrum of (*S*)-**BQ** in Et₂O (3.01×10^{-2} g/L, path length = 10 mm).

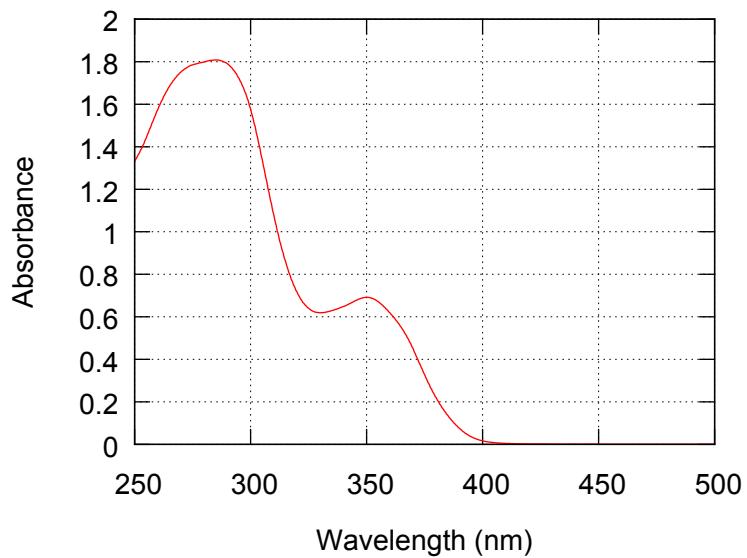


Figure S77. UV-vis absorption spectrum of **(S)-BQ** in MTBE (3.01×10^{-2} g/L, path length = 10 mm).

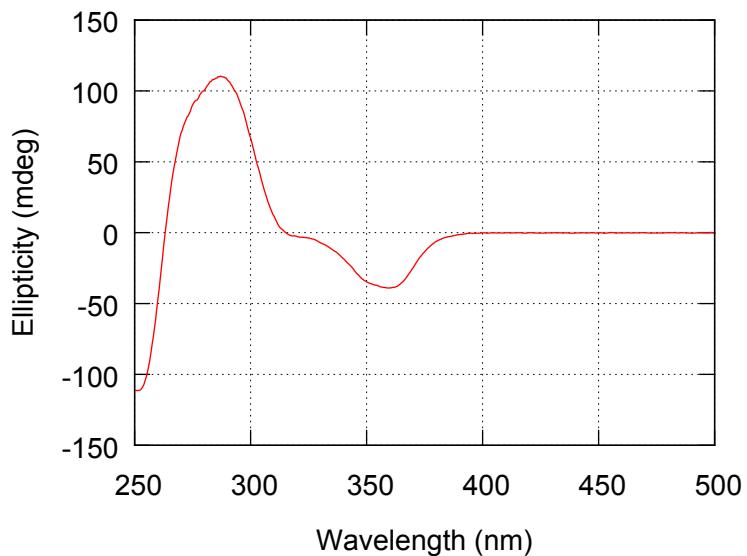


Figure S78. CD spectrum of **(S)-BQ** in MTBE (3.01×10^{-2} g/L, path length = 10 mm).

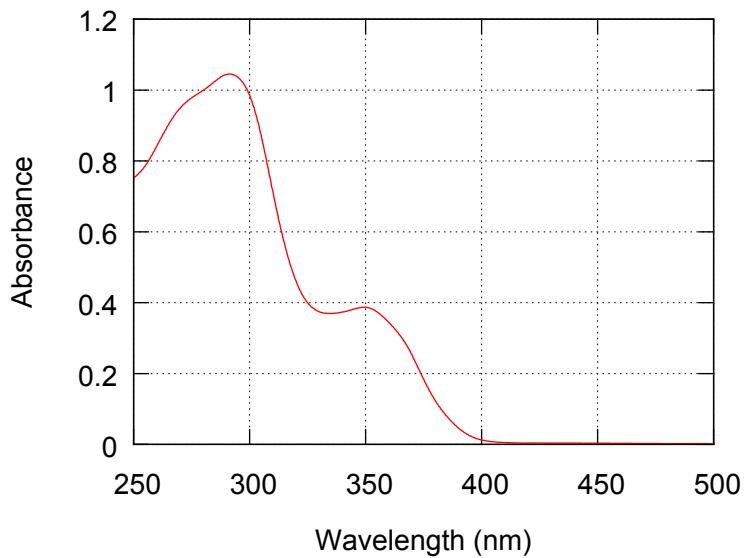


Figure S79. UV-vis absorption spectrum of **1(40)** in CHCl_3 (2.37×10^{-2} g/L, path length = 10 mm).

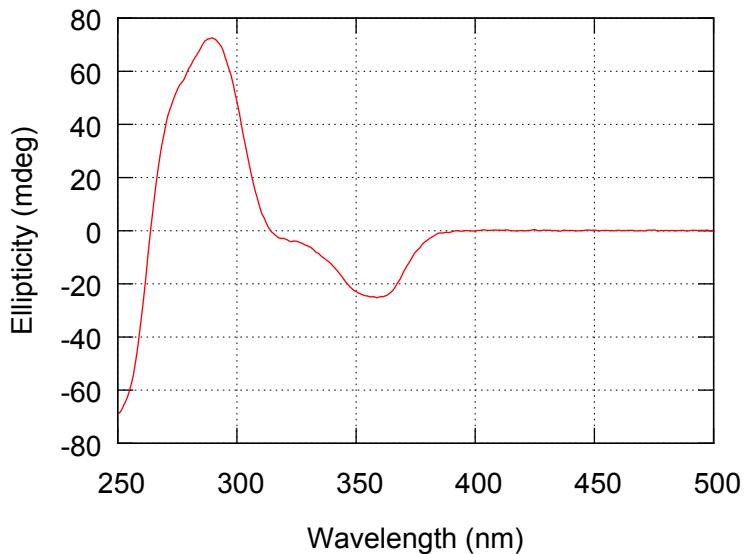


Figure S80. CD spectrum of **1(40)** in CHCl_3 (2.37×10^{-2} g/L, path length = 10 mm).

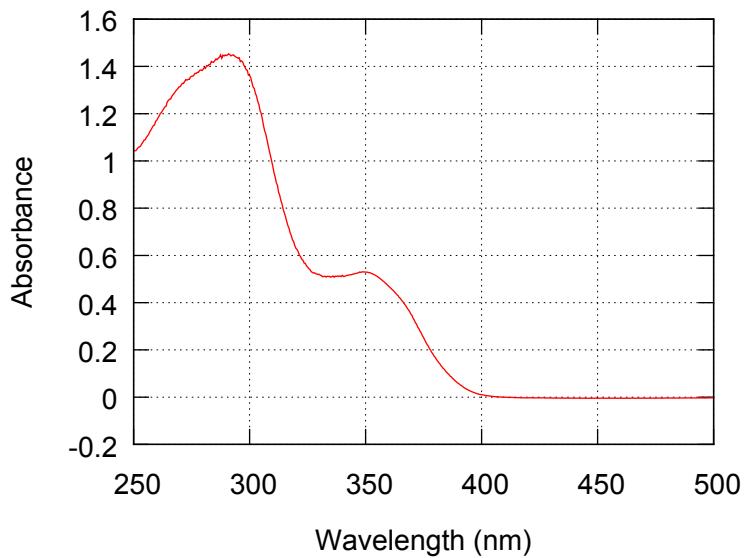


Figure S81. UV-vis absorption spectrum of **1(40)** in CH_2Cl_2 (2.75×10^{-2} g/L, path length = 10 mm).

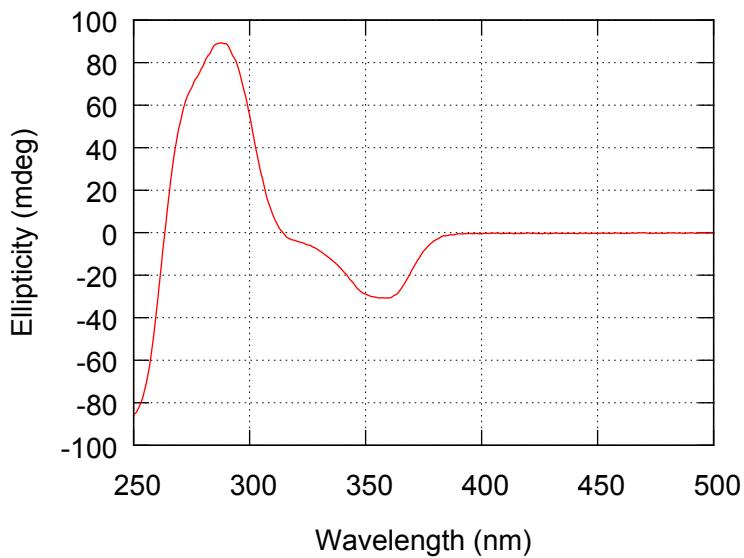


Figure S82. CD spectrum of **1(40)** in CH_2Cl_2 (2.75×10^{-2} g/L, path length = 10 mm).

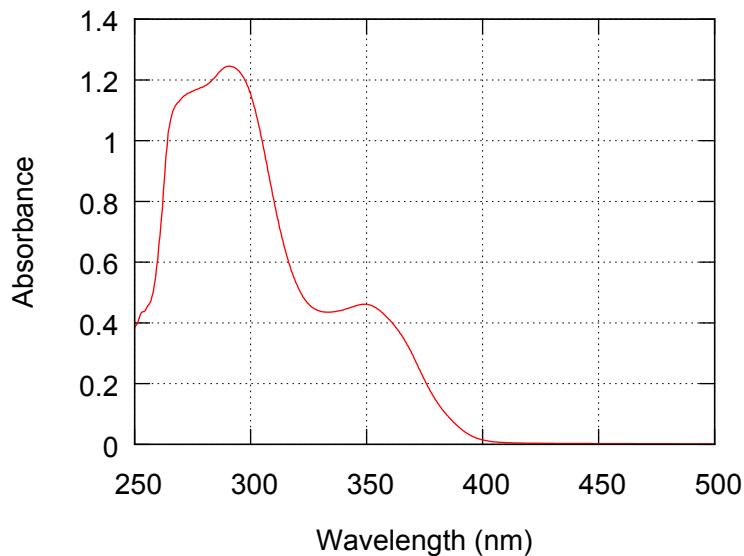


Figure S83. UV-vis absorption spectrum of **1(40)** in 1,1,2-TCE (3.2×10^{-2} g/L, path length = 10 mm).

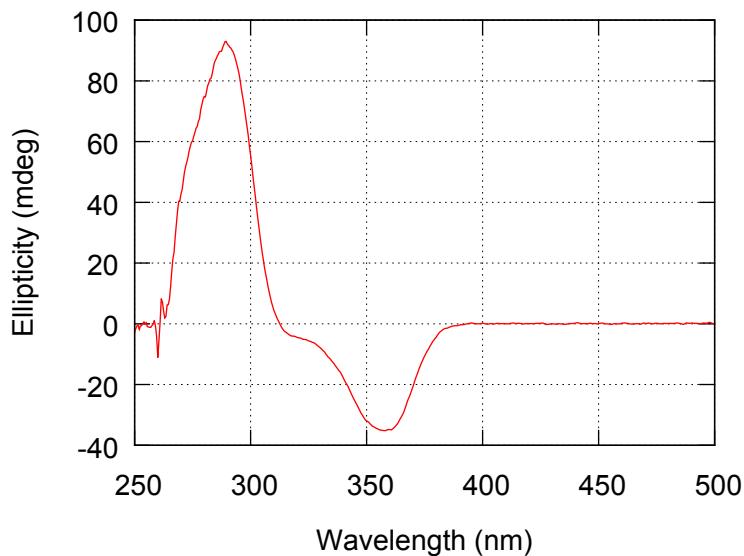


Figure S84. CD spectrum of **1(40)** in 1,1,2-TCE (3.2×10^{-2} g/L, path length = 10 mm).

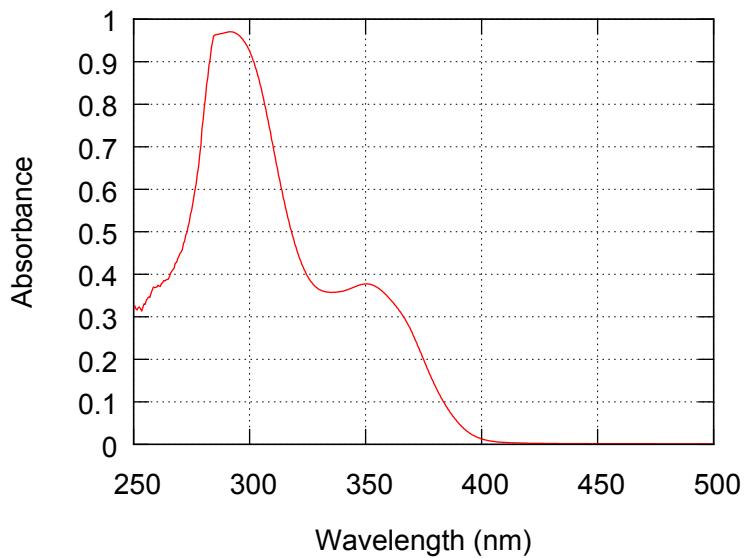


Figure S85. UV-vis absorption spectrum of **1(40)** in Toluene (3.2×10^{-2} g/L, path length = 10 mm).

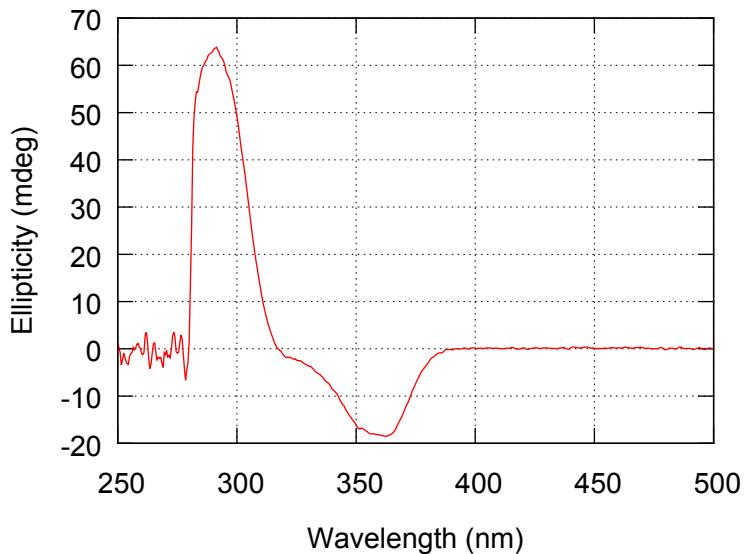


Figure S86. CD spectrum of **1(40)** in Toluene (3.2×10^{-2} g/L, path length = 10 mm).

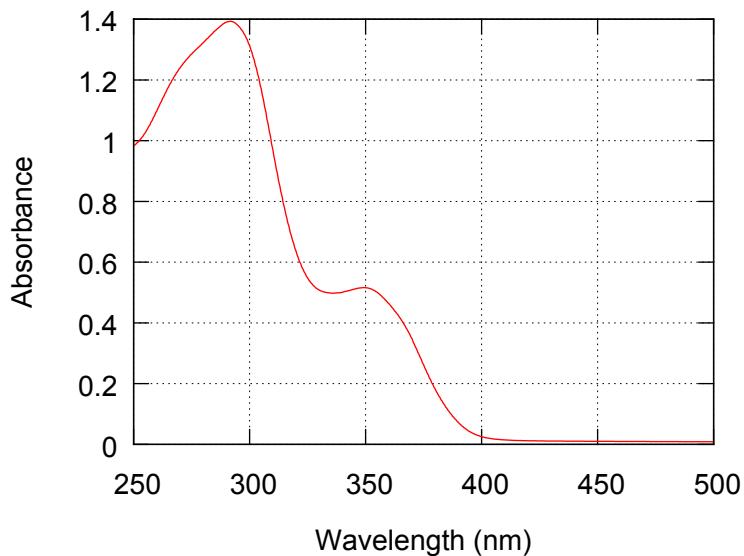


Figure S87. UV-vis absorption spectrum of **1(40)** in THF (2.37×10^{-2} g/L, path length = 10 mm).

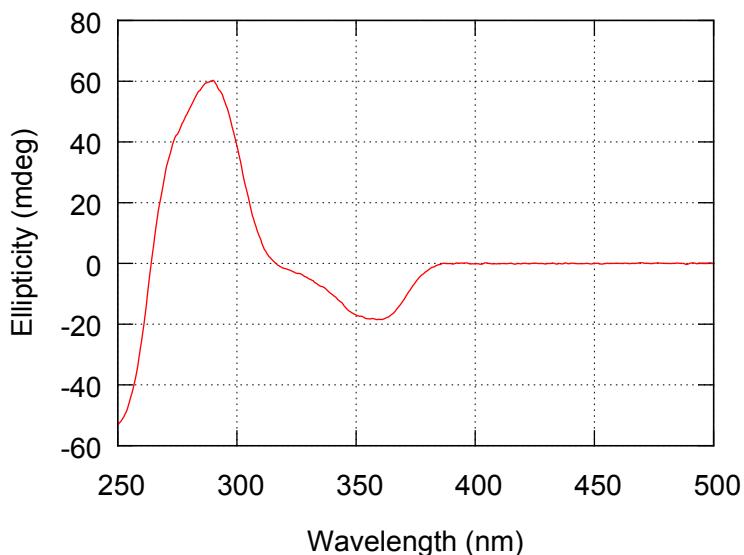


Figure S88. CD spectrum of **1(40)** in THF (2.37×10^{-2} g/L, path length = 10 mm).

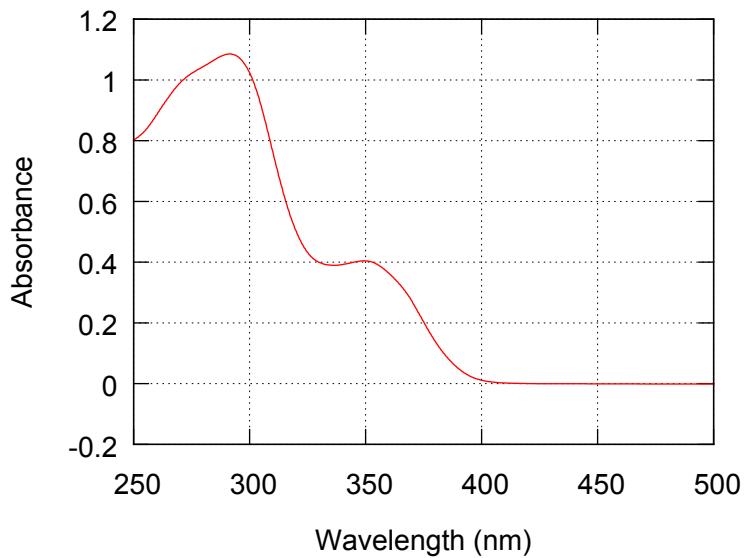


Figure S89. UV-vis absorption spectrum of **1(40)** in 1,4-Dioxane (3.2×10^{-2} g/L, path length = 10 mm).

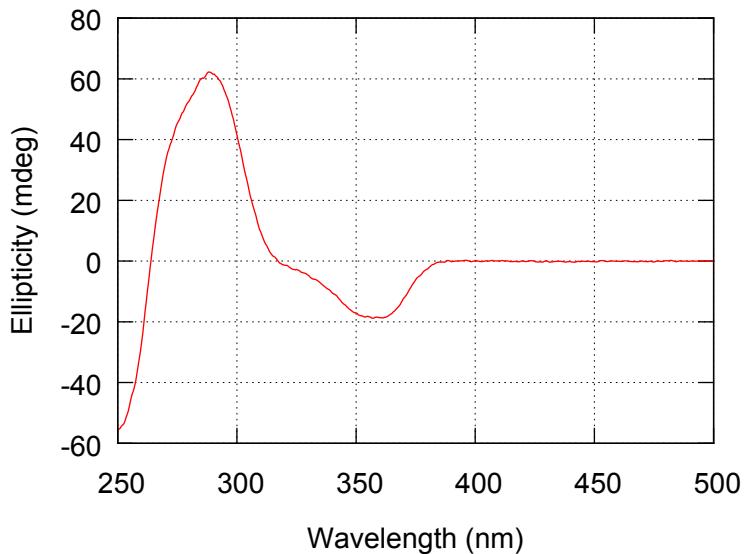


Figure S90. CD spectrum of **1(40)** in 1,4-Dioxane (3.2×10^{-2} g/L, path length = 10 mm).

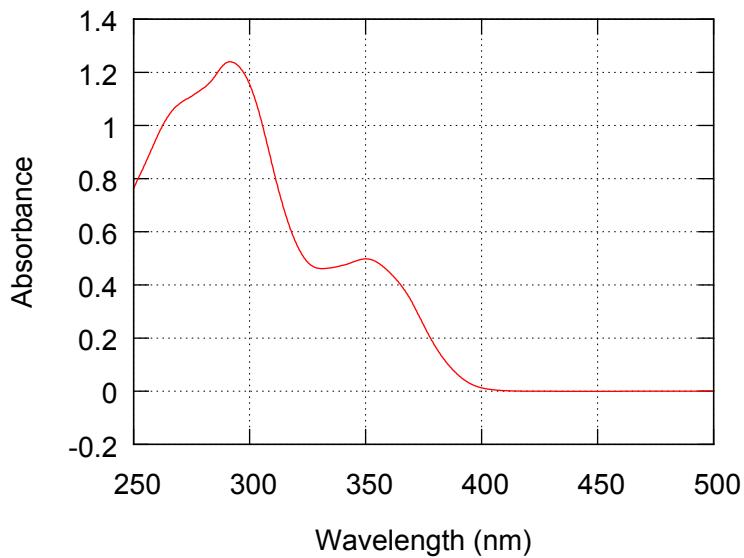


Figure S91. UV-vis absorption spectrum of **1(40)** in 1,2-DME (3.2×10^{-2} g/L, path length = 10 mm).

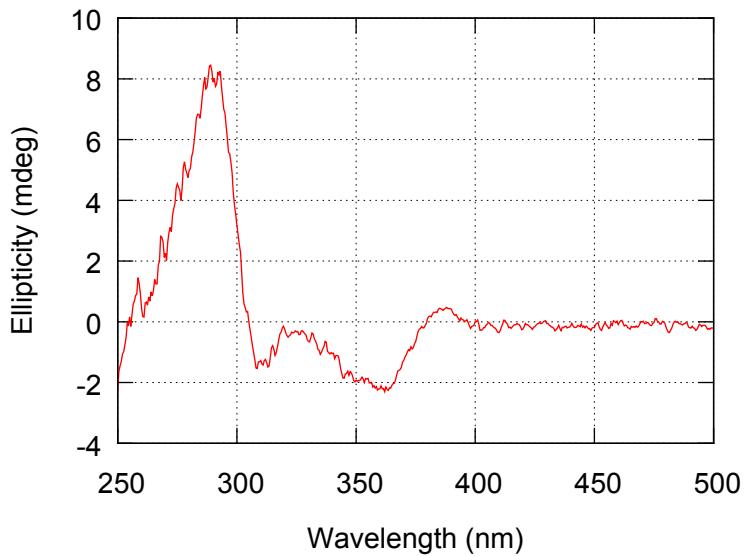


Figure S92. CD spectrum of **1(40)** in 1,2-DME (3.2×10^{-2} g/L, path length = 10 mm).

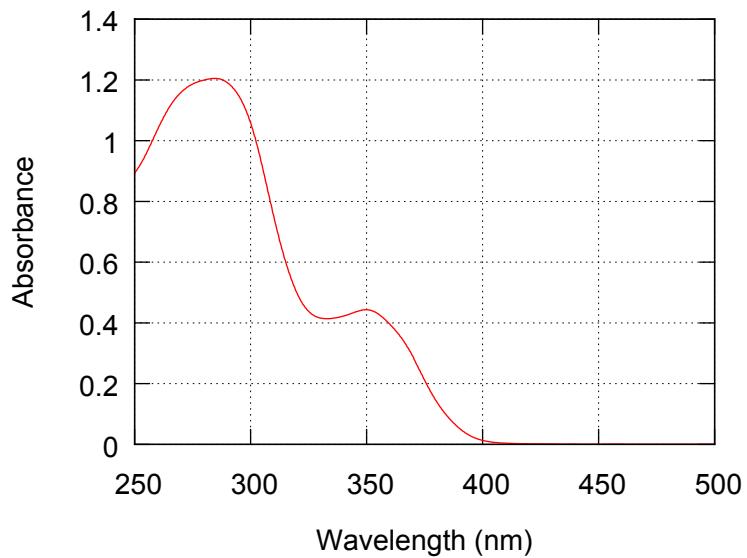


Figure S93. UV-vis absorption spectrum of **1(40)** in Et_2O (2.37×10^{-2} g/L, path length = 10 mm).

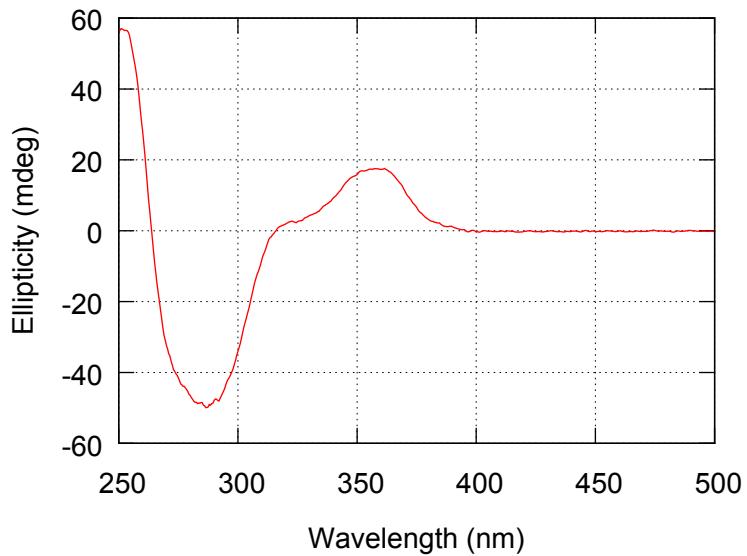


Figure S94. CD spectrum of **1(40)** in Et_2O (2.37×10^{-2} g/L, path length = 10 mm).

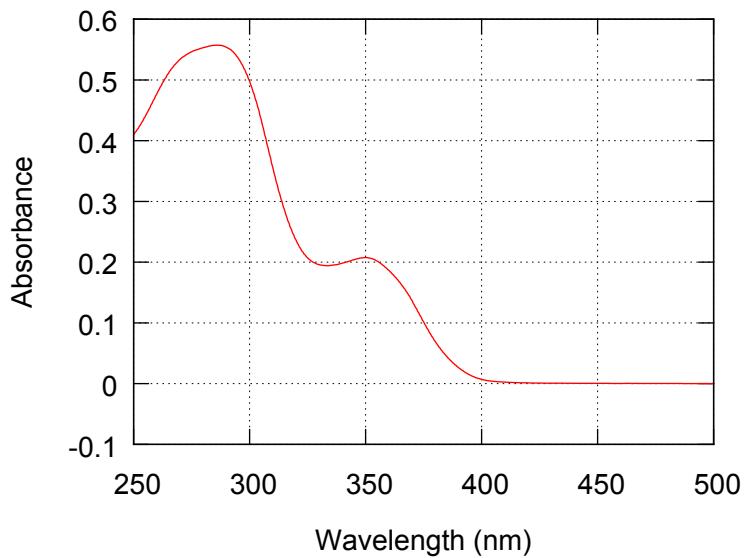


Figure S95. UV-vis absorption spectrum of **1(40)** in MTBE (3.2×10^{-2} g/L, path length = 10 mm).

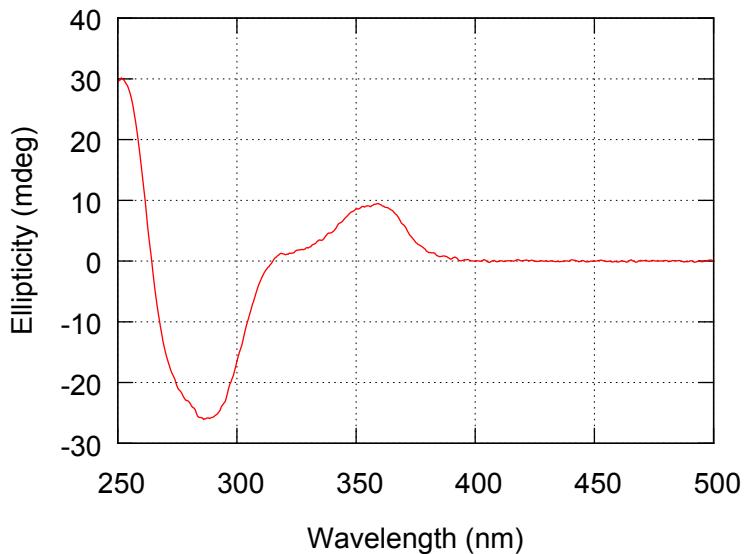


Figure S96. CD spectrum of **1(40)** in MTBE (3.2×10^{-2} g/L, path length = 10 mm).

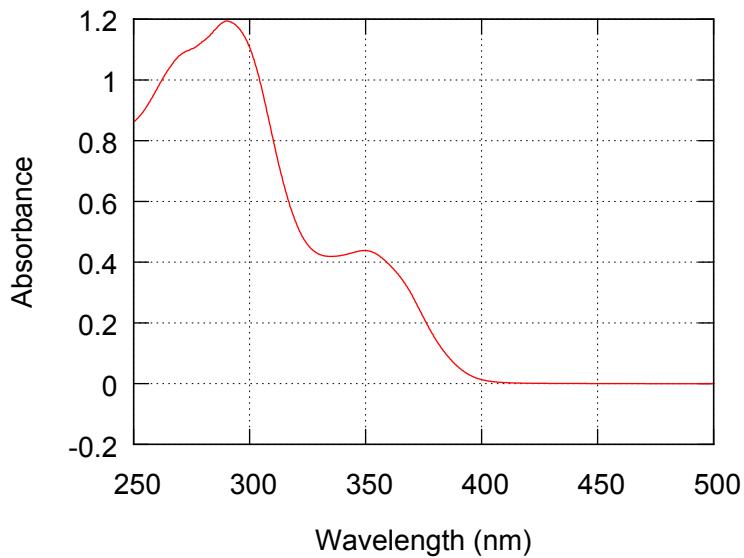


Figure S97. UV-vis absorption spectrum of **1(40)** in 2- MeTHF (3.2×10^{-2} g/L, path length = 10 mm).

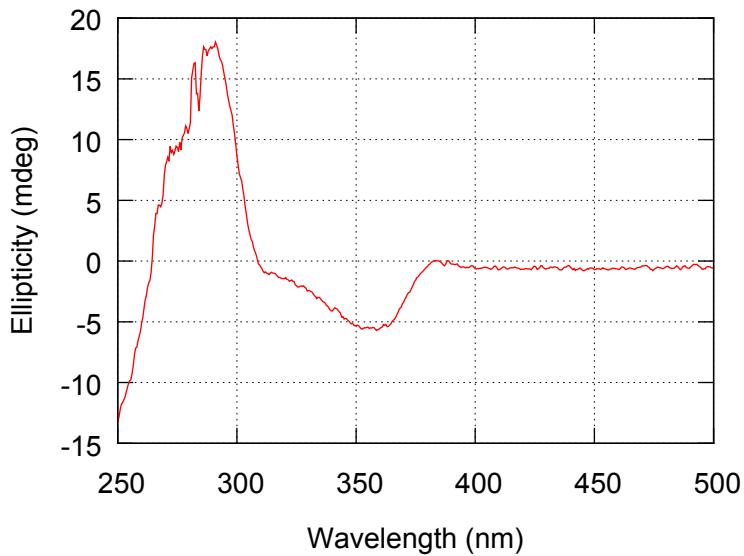


Figure S98. CD spectrum of **1(40)** in 2- MeTHF (3.2×10^{-2} g/L, path length = 10 mm).

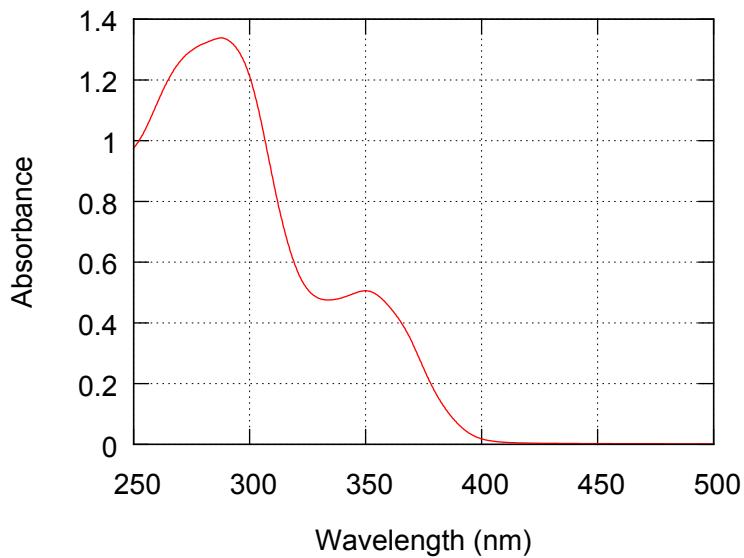


Figure S99. UV-vis absorption spectrum of **1(40)** in CPME (3.2×10^{-2} g/L, path length = 10 mm).

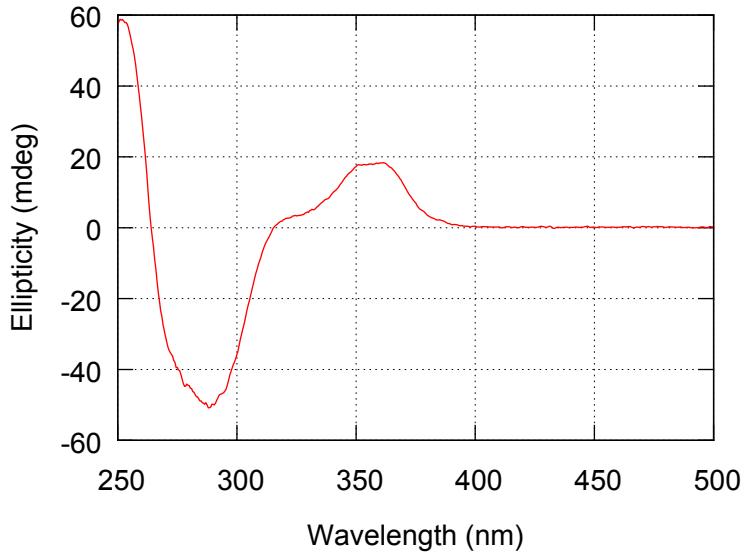


Figure S100. CD spectrum of **1(40)** in CPME (3.2×10^{-2} g/L, path length = 10 mm).

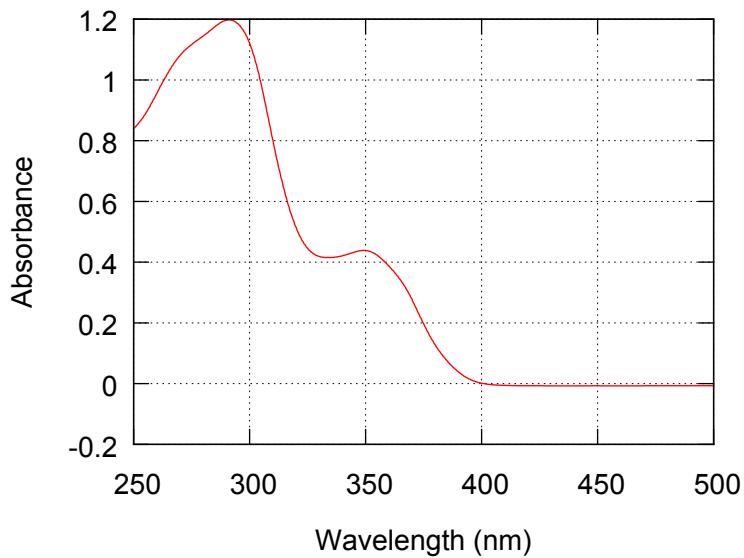


Figure S101. UV-vis absorption spectrum of **2(40)** in CHCl_3 (2.85×10^{-2} g/L, path length = 10 mm).

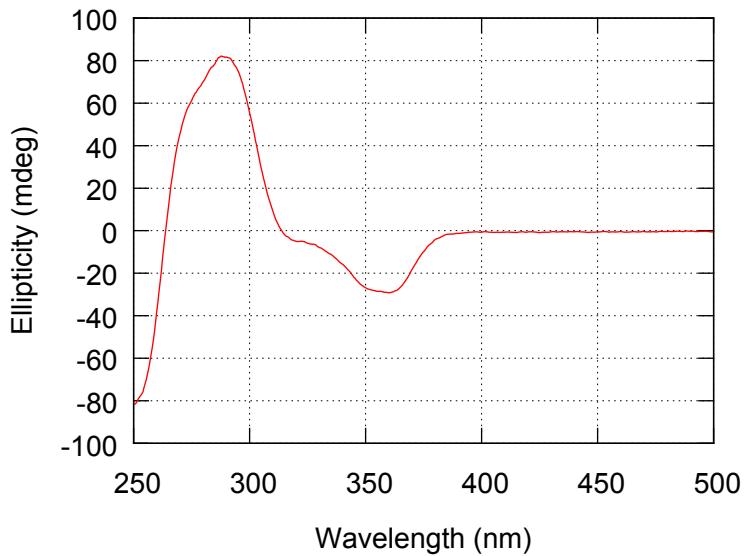


Figure S102. CD spectrum of **2(40)** in CHCl_3 (2.85×10^{-2} g/L, path length = 10 mm).

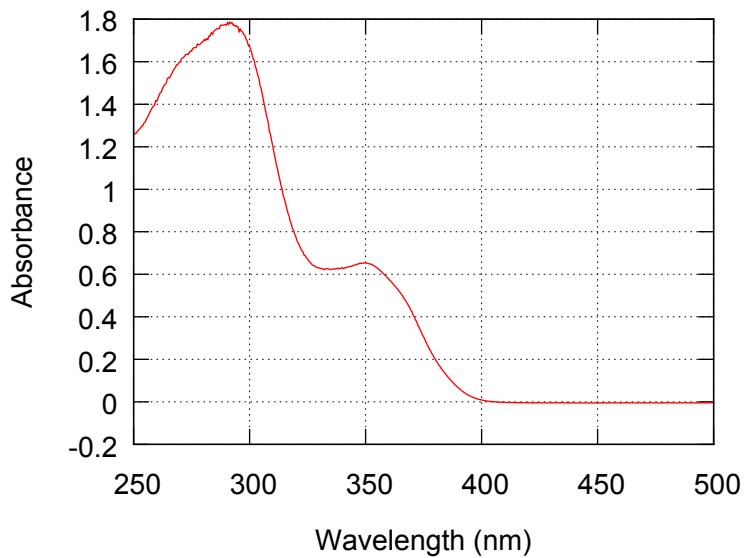


Figure S103. UV-vis absorption spectrum of **2(40)** in CH_2Cl_2 (2.98×10^{-2} g/L, path length = 10 mm).

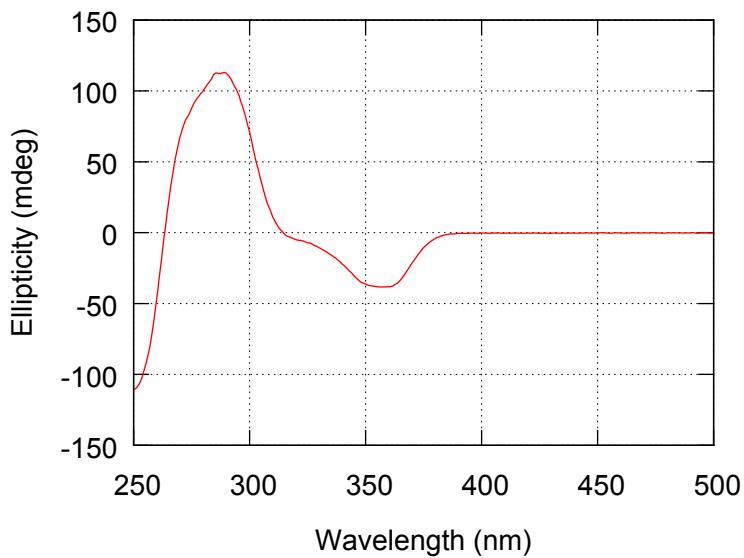


Figure S104. CD spectrum of **2(40)** in CH_2Cl_2 (2.98×10^{-2} g/L, path length = 10 mm).

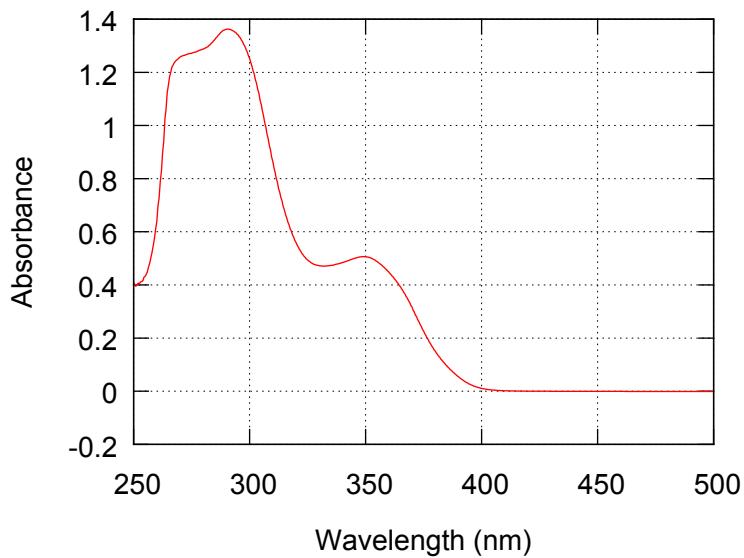


Figure S105. UV-vis absorption spectrum of **2(40)** in 1,1,2-TCE (2.85×10^{-2} g/L, path length = 10 mm).

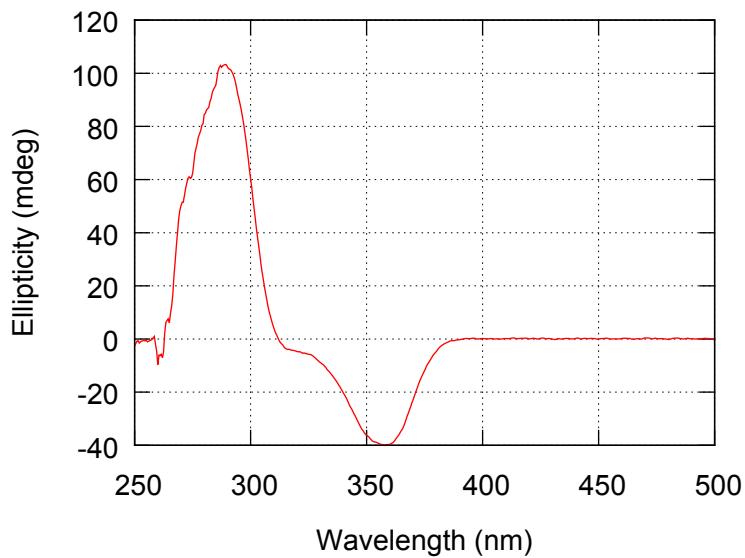


Figure S106. CD spectrum of **2(40)** in 1,1,2-TCE (2.85×10^{-2} g/L, path length = 10 mm).

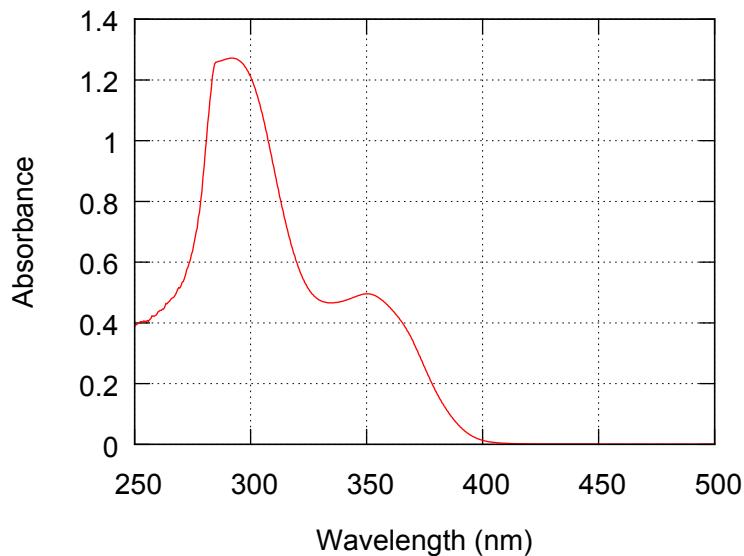


Figure S107. UV-vis absorption spectrum of **2(40)** in Toluene (2.85×10^{-2} g/L, path length = 10 mm).

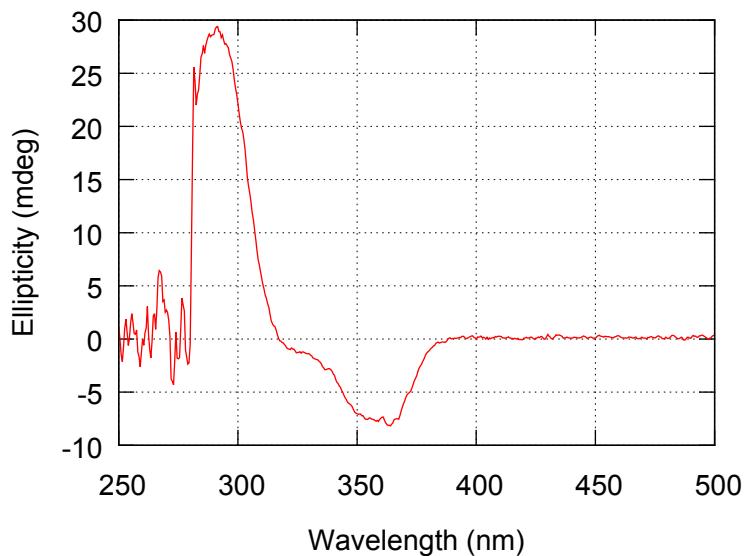


Figure S108. CD spectrum of **2(40)** in Toluene (2.85×10^{-2} g/L, path length = 10 mm).

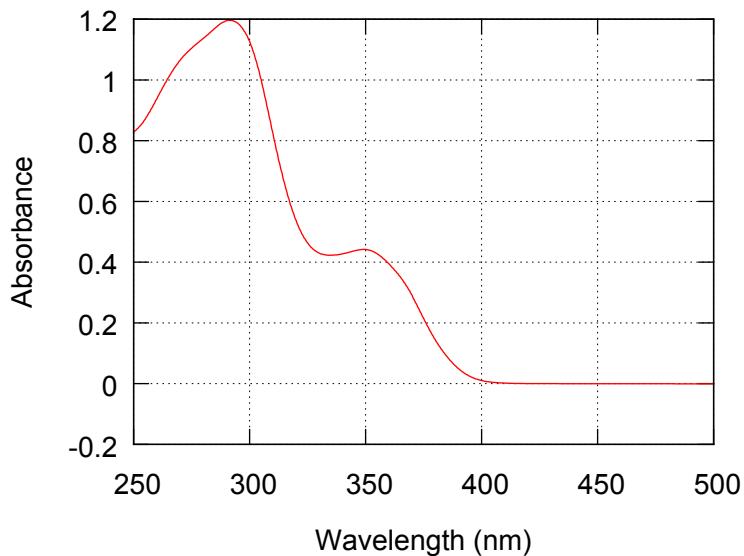


Figure S109. UV-vis absorption spectrum of **2(40)** in THF (2.85×10^{-2} g/L, path length = 10 mm).

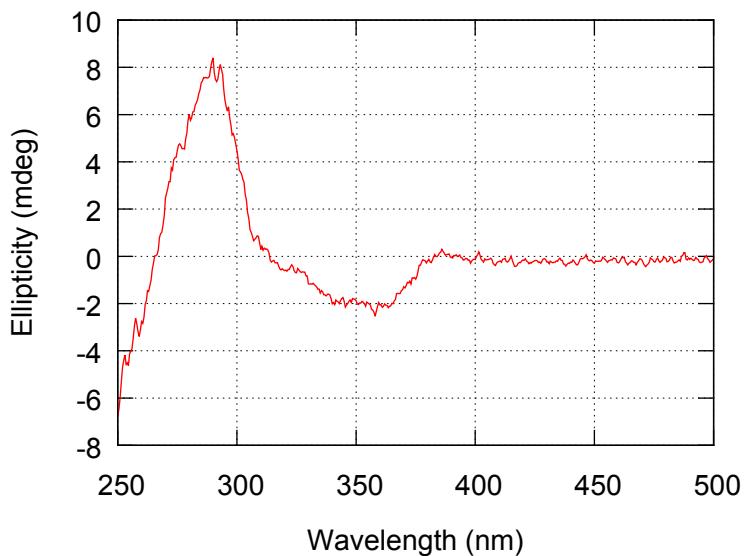


Figure S110. CD spectrum of **2(40)** in THF (2.85×10^{-2} g/L, path length = 10 mm).

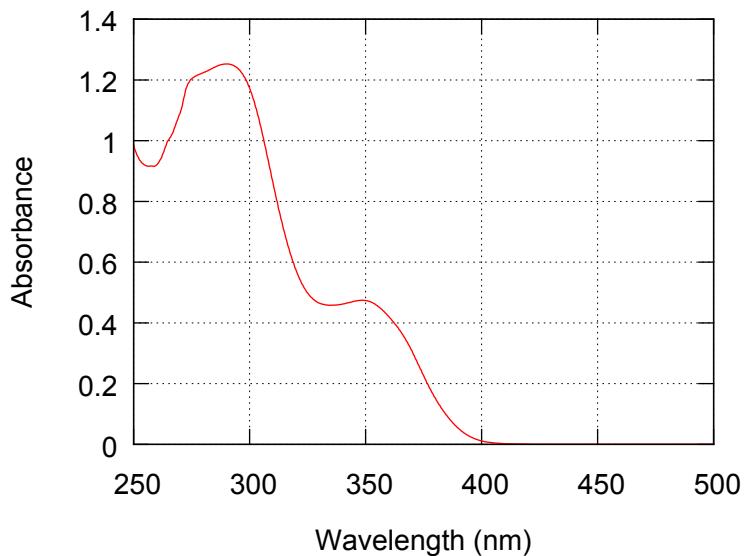


Figure S111. UV-vis absorption spectrum of **2(40)** in 1,4-Dioxane (2.85×10^{-2} g/L, path length = 10 mm).

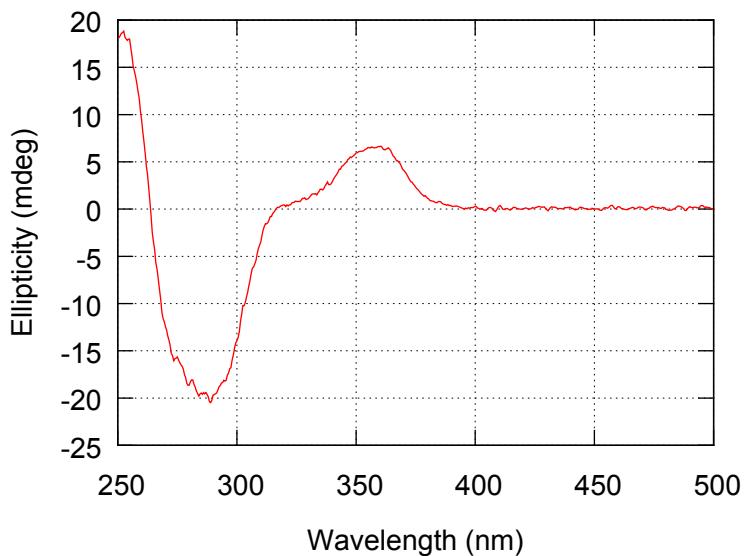


Figure S112. CD spectrum of **2(40)** in 1,4-Dioxane (2.85×10^{-2} g/L, path length = 10 mm).

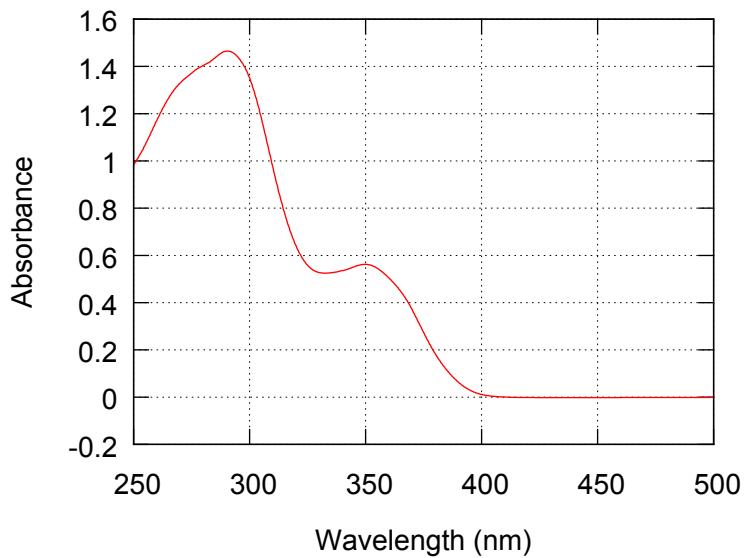


Figure S113. UV-vis absorption spectrum of **2(40)** in 1,2-DME (2.98×10^{-2} g/L, path length = 10 mm).

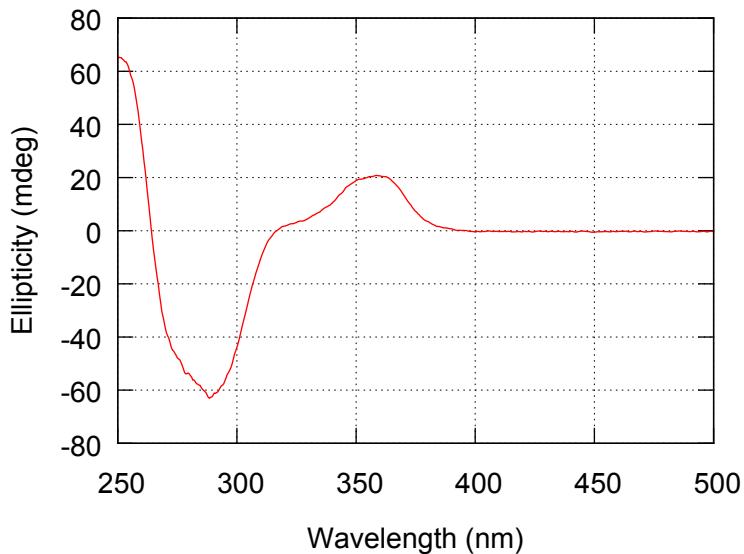


Figure S114. CD spectrum of **2(40)** in 1,2-DME (2.98×10^{-2} g/L, path length = 10 mm).

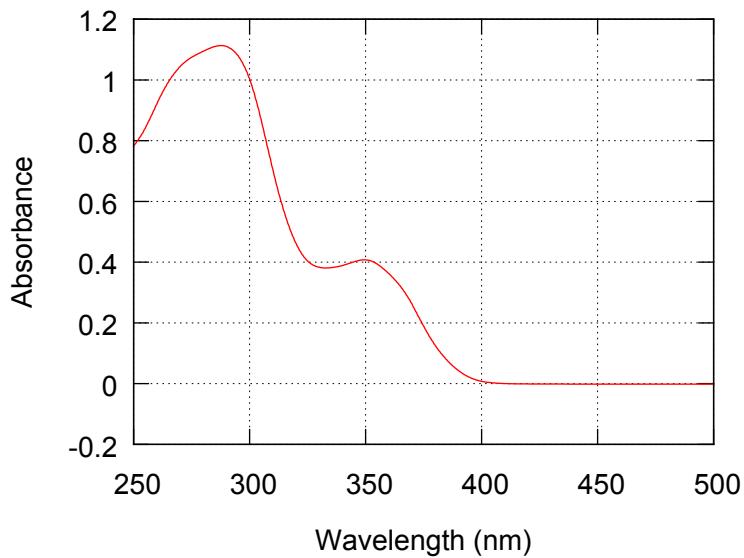


Figure S115. UV-vis absorption spectrum of **2(40)** in Et_2O (2.85×10^{-2} g/L, path length = 10 mm).

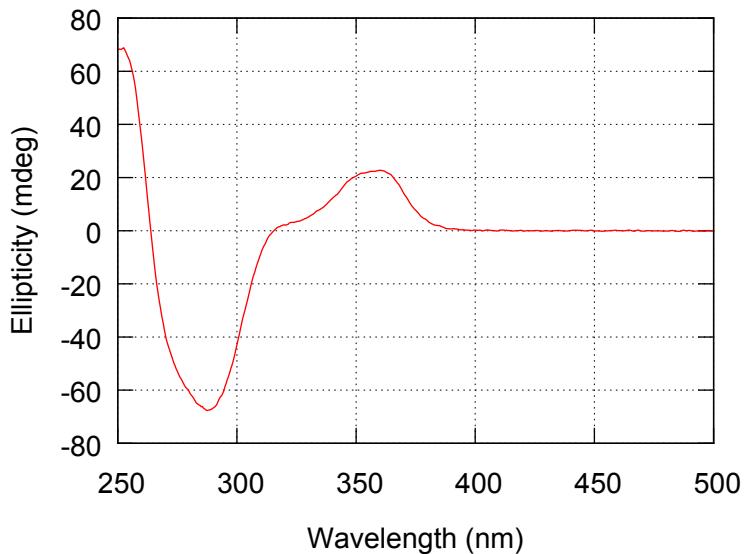


Figure S116. CD spectrum of **2(40)** in Et_2O (2.85×10^{-2} g/L, path length = 10 mm).

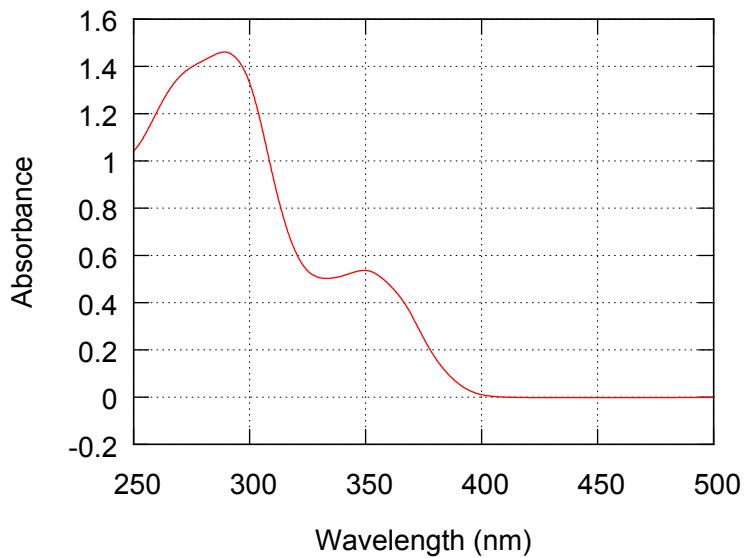


Figure S117. UV-vis absorption spectrum of **2(40)** in MTBE (2.98×10^{-2} g/L, path length = 10 mm).

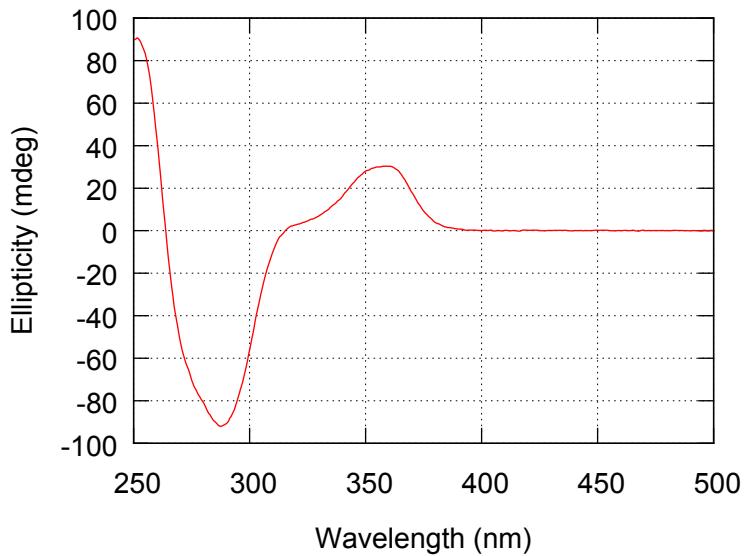


Figure S118. CD spectrum of **2(40)** in MTBE (2.98×10^{-2} g/L, path length = 10 mm).

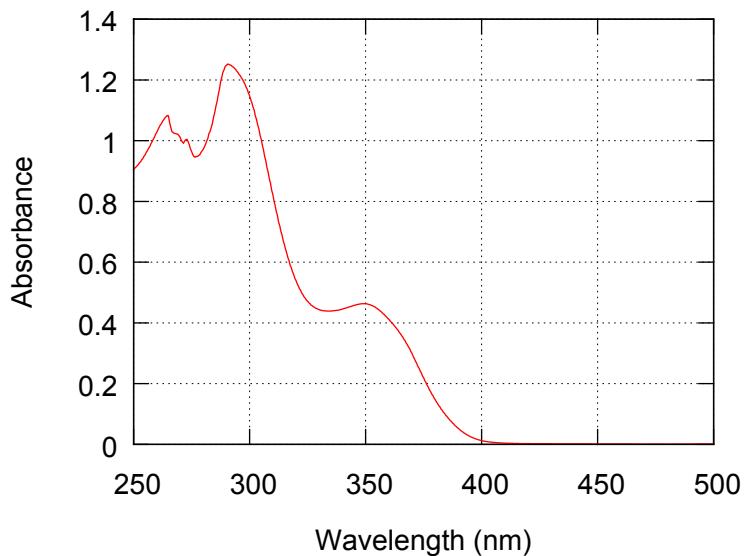


Figure S119. UV-vis absorption spectrum of **2(40)** in 2- MeTHF (2.85×10^{-2} g/L, path length = 10 mm).

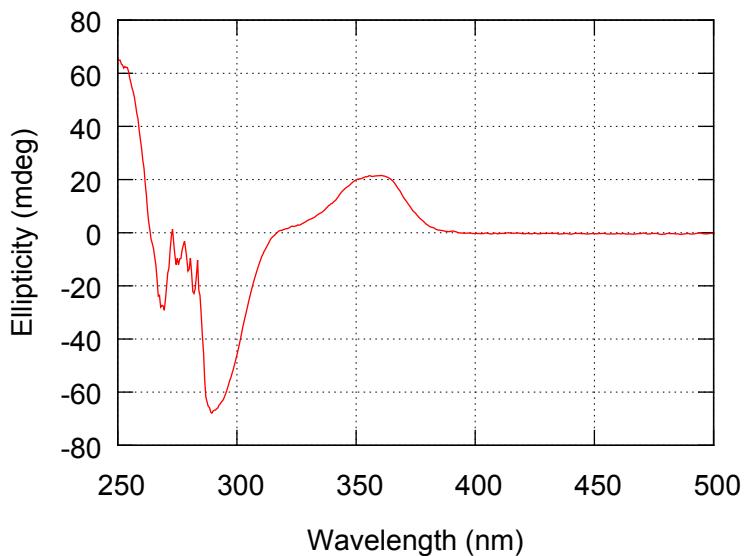


Figure S120. CD spectrum of **2(40)** in 2- MeTHF (2.85×10^{-2} g/L, path length = 10 mm).

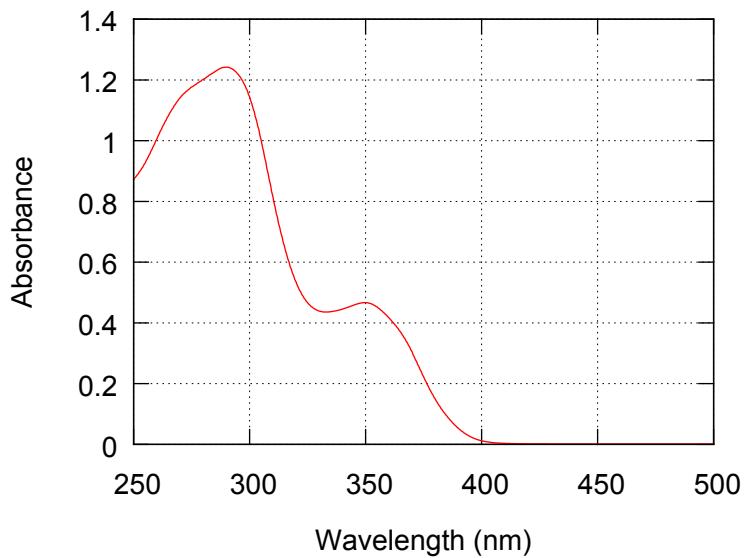


Figure S121. UV-vis absorption spectrum of **2(40)** in CPME (2.85×10^{-2} g/L, path length = 10 mm).

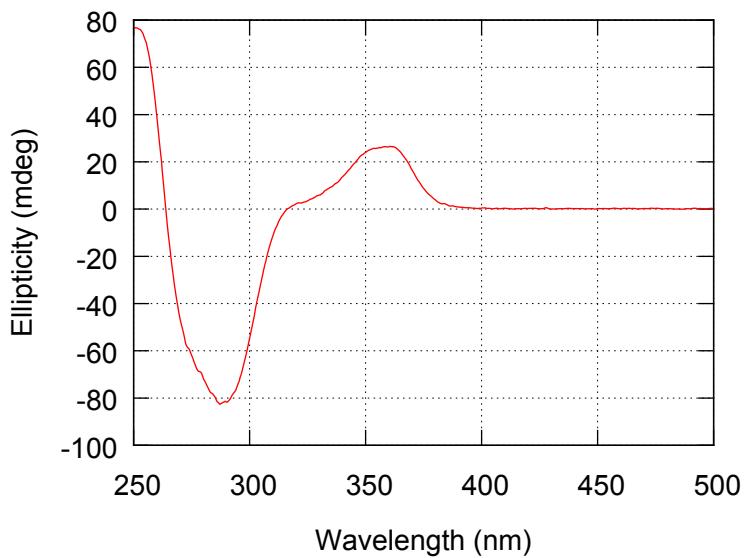


Figure S122. CD spectrum of **2(40)** in CPME (2.85×10^{-2} g/L, path length = 10 mm).

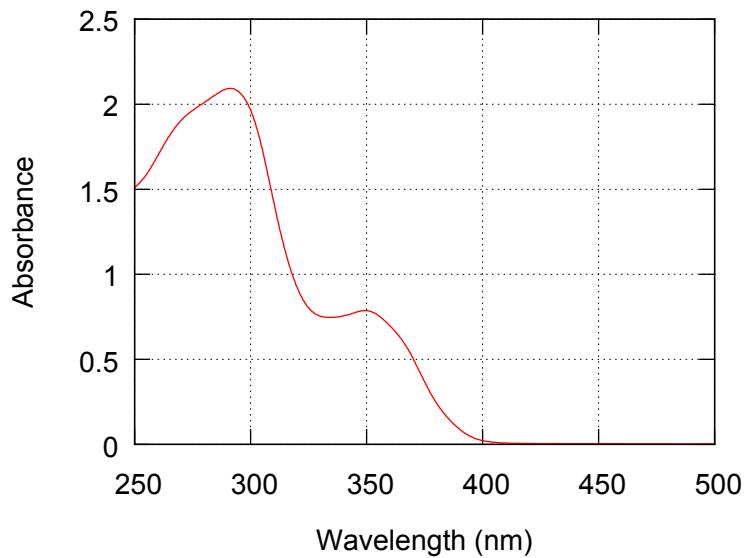


Figure S123. UV-vis absorption spectrum of **3(40)** in CHCl_3 (4.62×10^{-2} g/L, path length = 10 mm).

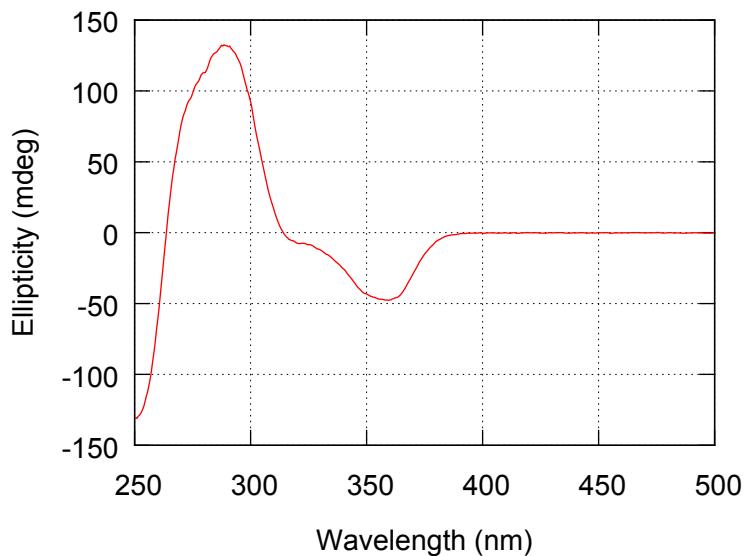


Figure S124. CD spectrum of **3(40)** in CHCl_3 (4.62×10^{-2} g/L, path length = 10 mm).

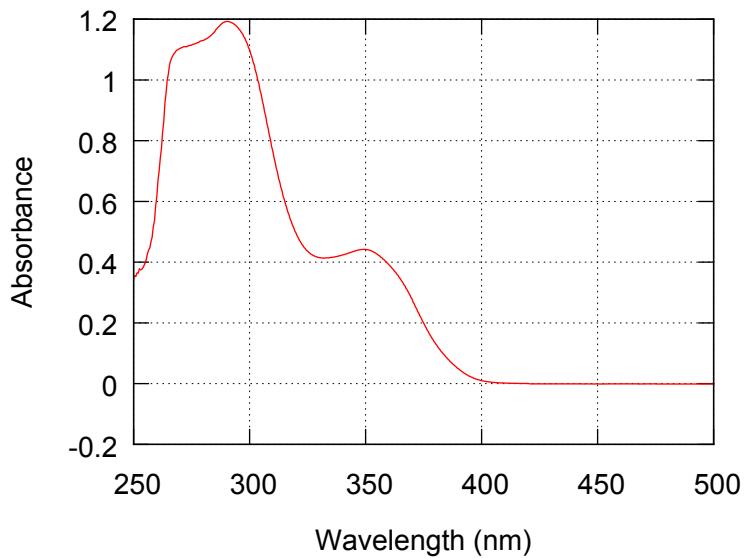


Figure S125. UV-vis absorption spectrum of **3(40)** in 1,1,2-TCE (3.05×10^{-2} g/L, path length = 10 mm).

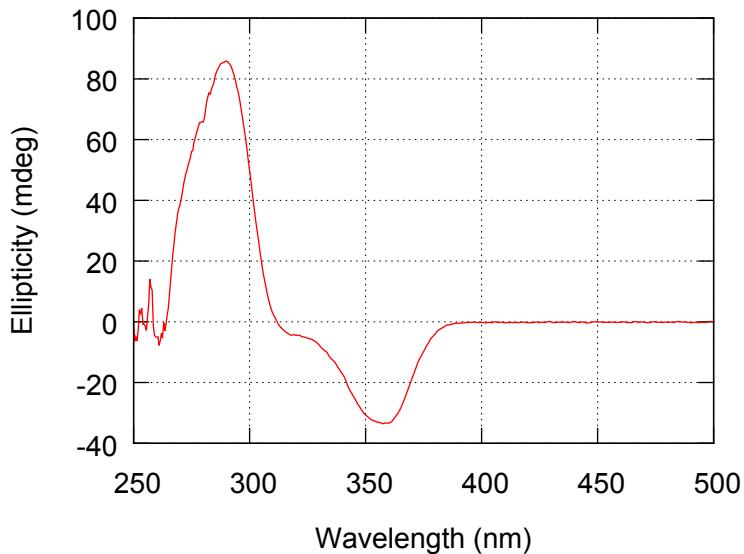


Figure S126. CD spectrum of **3(40)** in 1,1,2-TCE (3.05×10^{-2} g/L, path length = 10 mm).

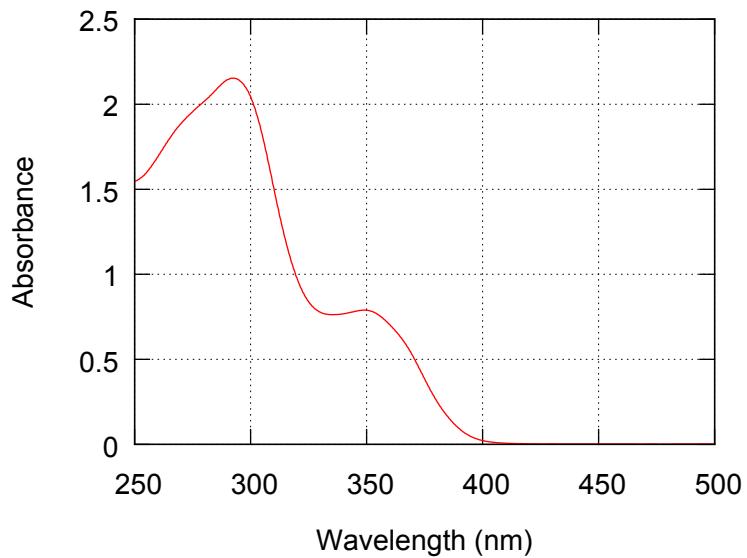


Figure S127. UV-vis absorption spectrum of **3(40)** in THF (4.62×10^{-2} g/L, path length = 10 mm).

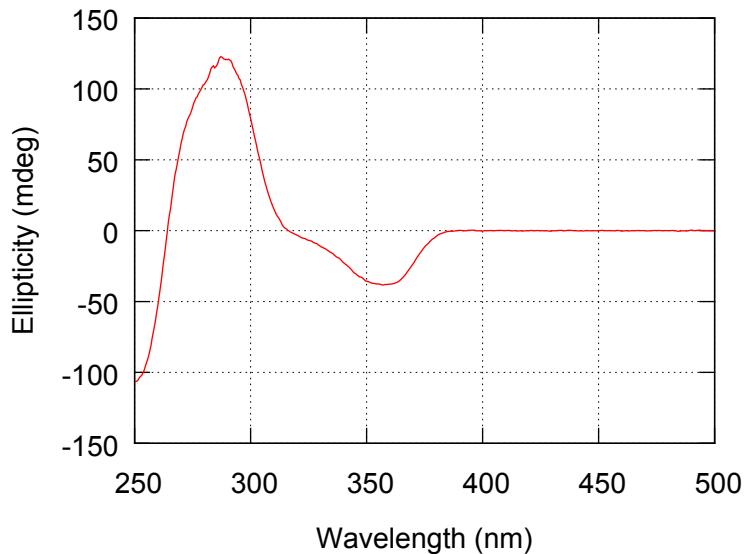


Figure S128. CD spectrum of **3(40)** in THF (4.62×10^{-2} g/L, path length = 10 mm).

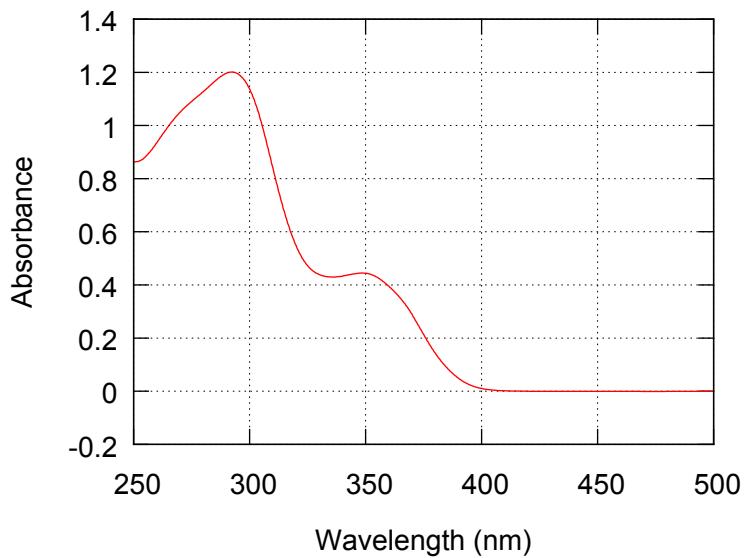


Figure S129. UV-vis absorption spectrum of **3(40)** in 1,4-Dioxane (3.05×10^{-2} g/L, path length = 10 mm).

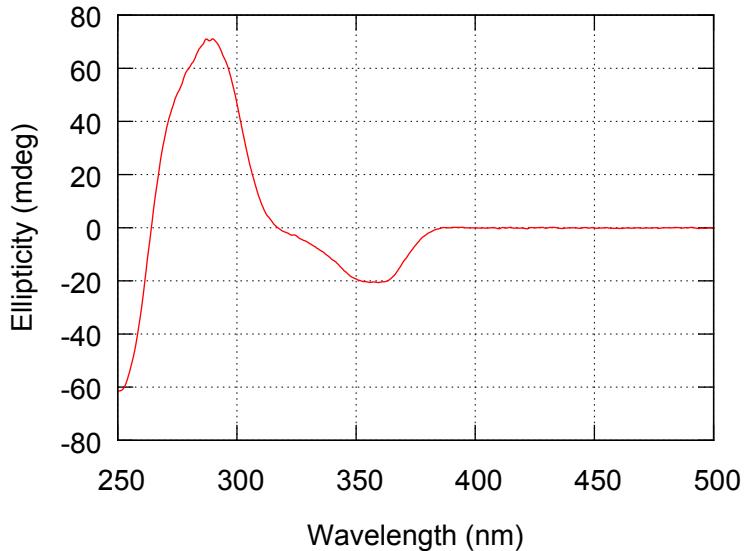


Figure S130. CD spectrum of **3(40)** in 1,4-Dioxane (3.05×10^{-2} g/L, path length = 10 mm).

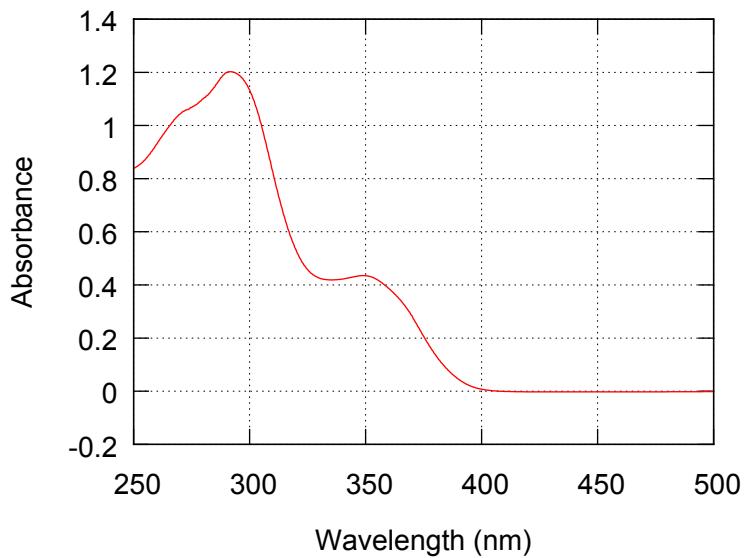


Figure S131. UV-vis absorption spectrum of **3(40)** in 2- MeTHF (3.05×10^{-2} g/L, path length = 10 mm).

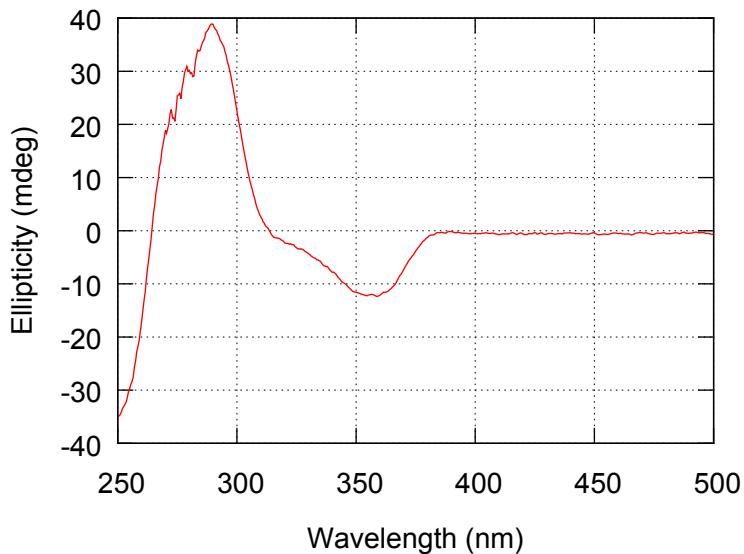


Figure S132. CD spectrum of **3(40)** in 2- MeTHF (3.05×10^{-2} g/L, path length = 10 mm).

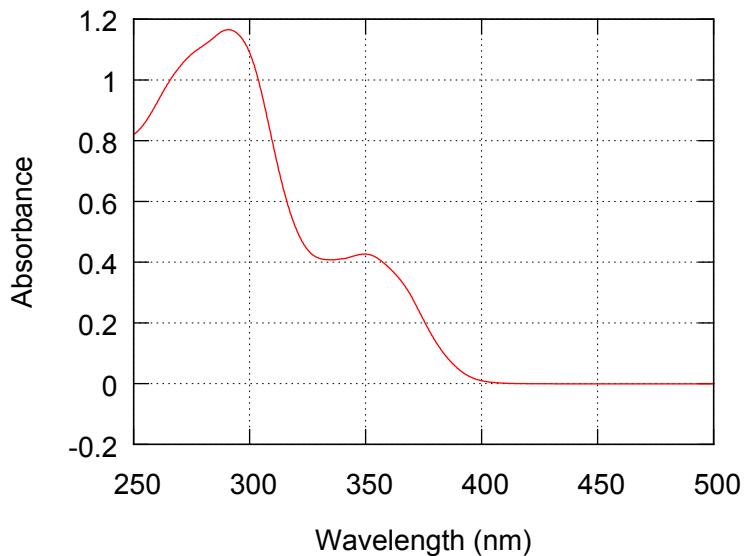


Figure S133. UV-vis absorption spectrum of **3(40)** in 1,2-DME (3.05×10^{-2} g/L, path length = 10 mm).

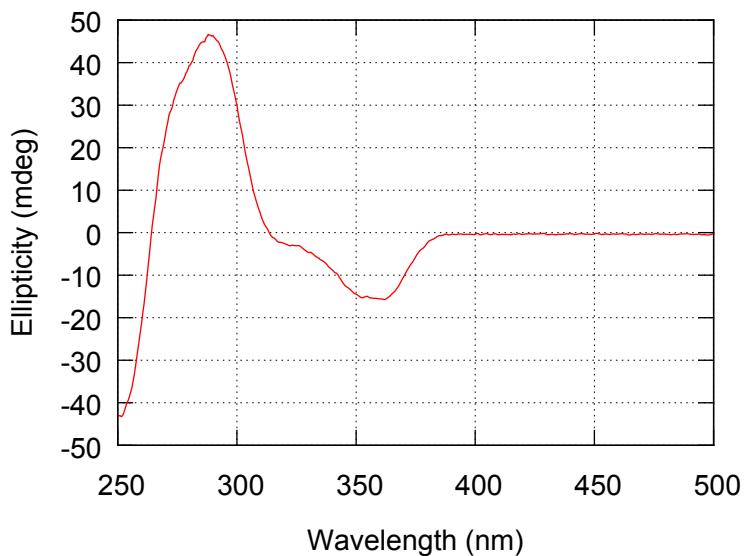


Figure S134. CD spectrum of **3(40)** in 1,2-DME (3.05×10^{-2} g/L, path length = 10 mm).

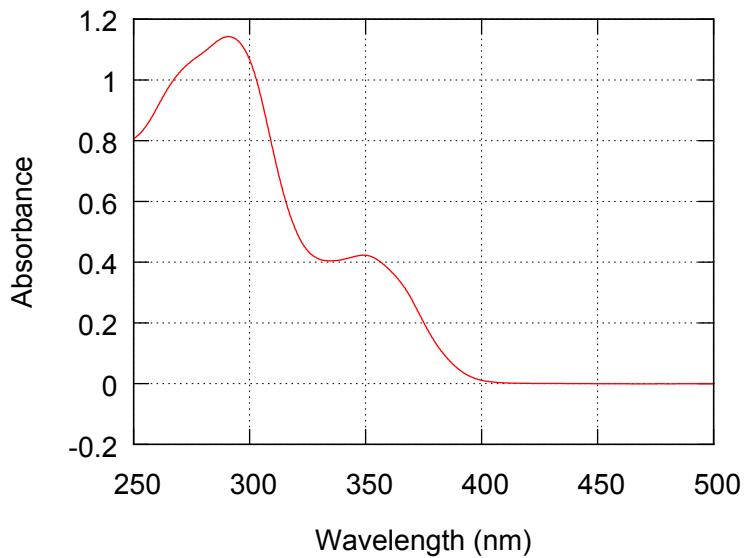


Figure S135. UV-vis absorption spectrum of **3(40)** in CPME (3.05×10^{-2} g/L, path length = 10 mm).

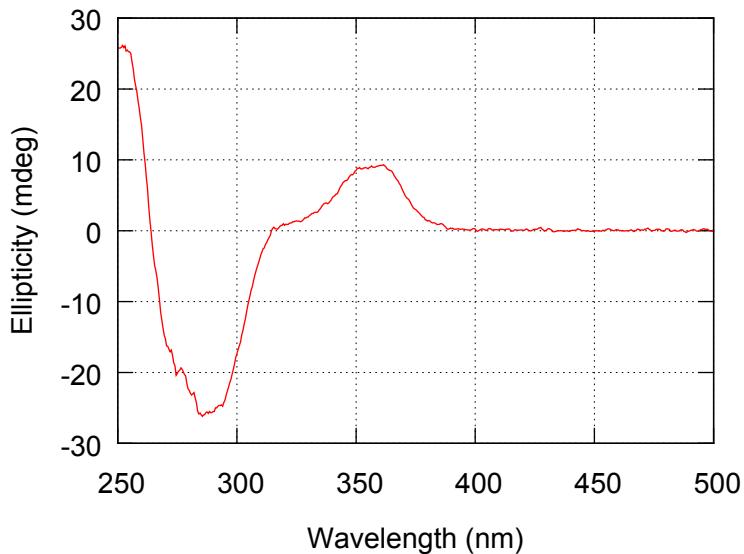


Figure S136. CD spectrum of **3(40)** in CPME (3.05×10^{-2} g/L, path length = 10 mm).

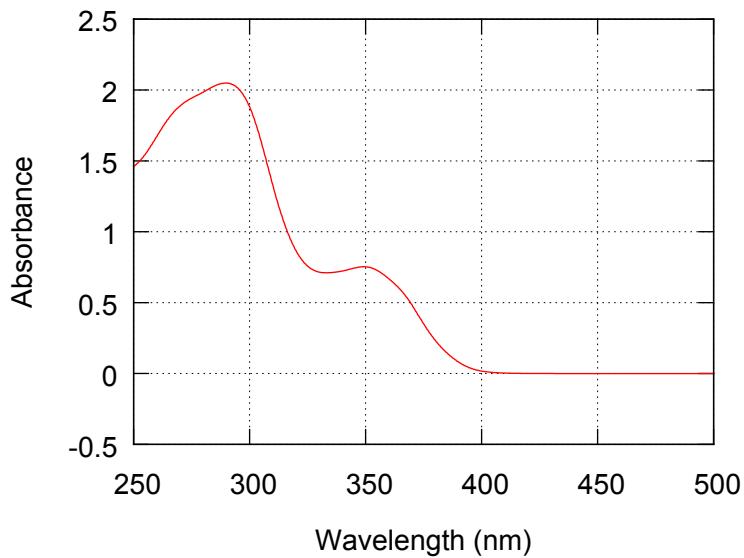


Figure S137. UV-vis absorption spectrum of **3(40)** in Et_2O (4.62×10^{-2} g/L, path length = 10 mm).

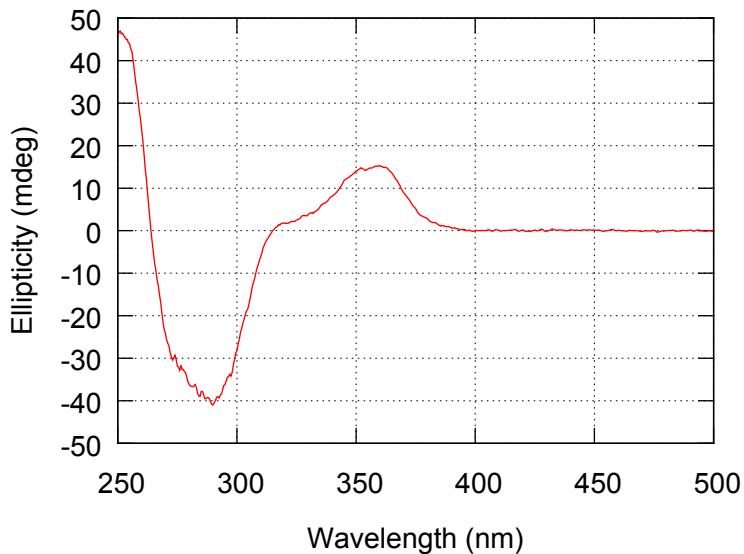


Figure S138. CD spectrum of **3(40)** in Et_2O (4.62×10^{-2} g/L, path length = 10 mm).

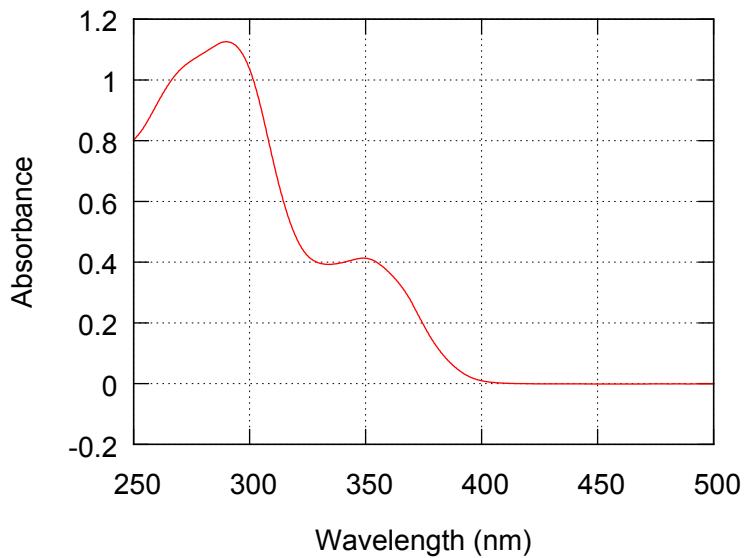


Figure S139. UV-vis absorption spectrum of **3(40)** in MTBE (3.05×10^{-2} g/L, path length = 10 mm).

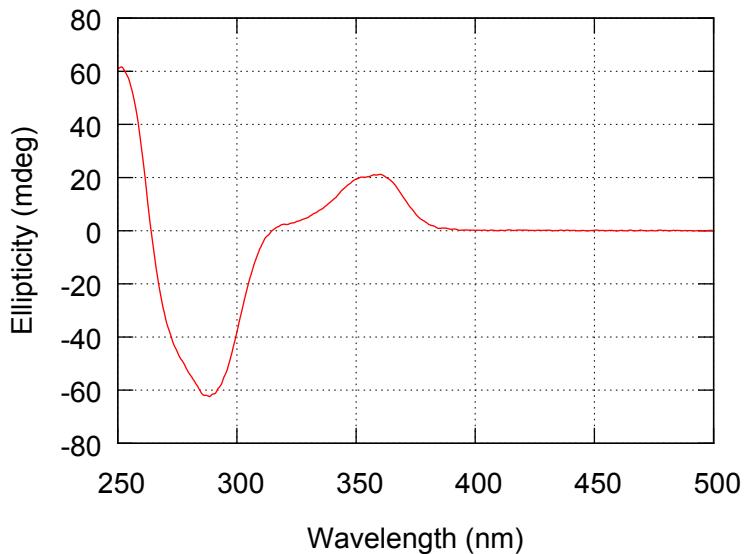


Figure S140. CD spectrum of **3(40)** in MTBE (3.05×10^{-2} g/L, path length = 10 mm).

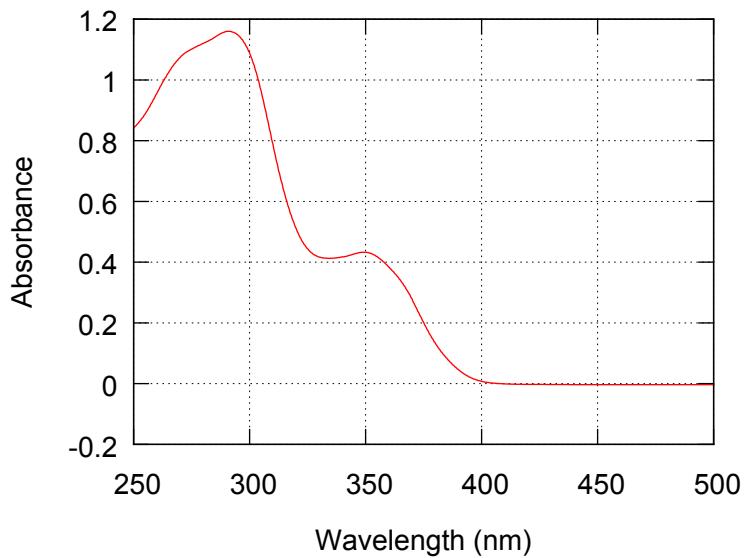


Figure S141. UV-vis absorption spectrum of **4(40)** in CHCl_3 (3.01×10^{-2} g/L, path length = 10 mm).

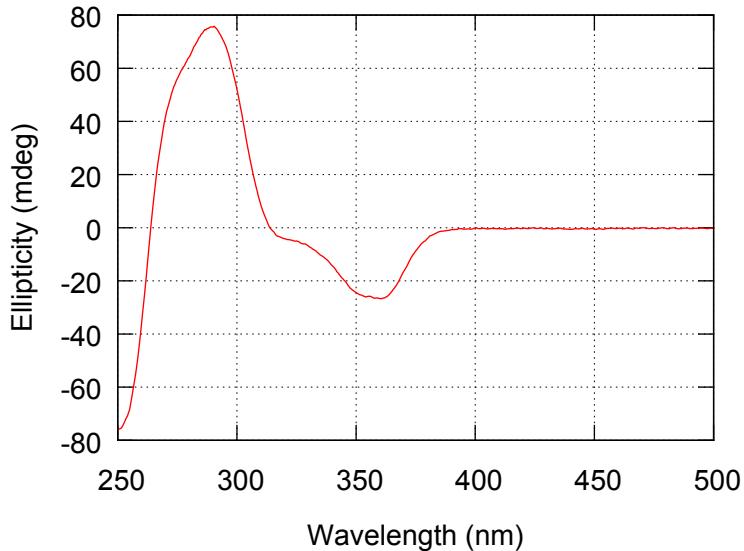


Figure S142. CD spectrum of **4(40)** in CHCl_3 (3.01×10^{-2} g/L, path length = 10 mm).

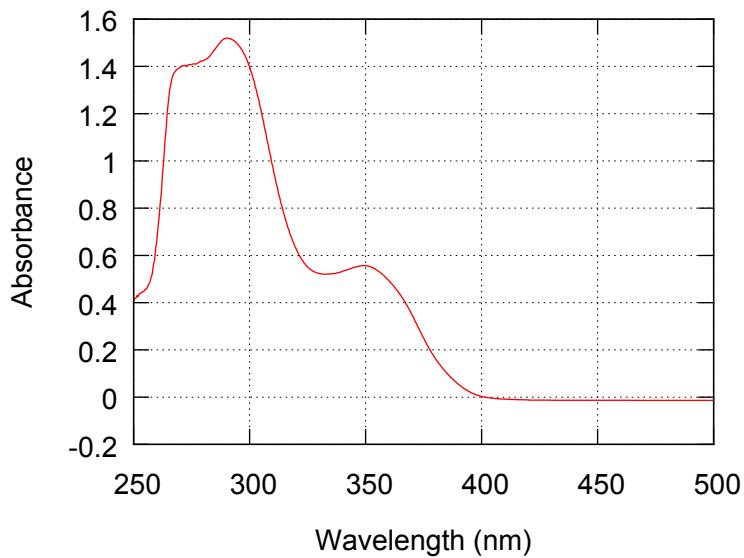


Figure S143. UV-vis absorption spectrum of **4(40)** in 1,1,2-TCE (2.99×10^{-2} g/L, path length = 10 mm).

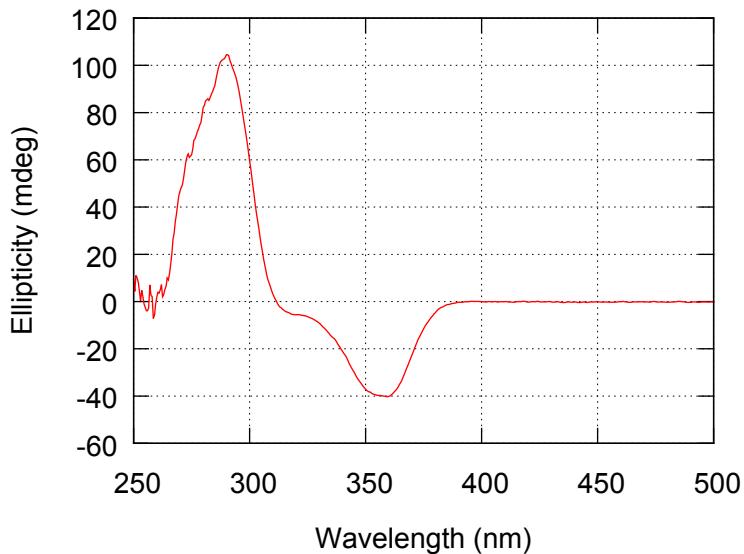


Figure S144. CD spectrum of **4(40)** in 1,1,2-TCE (2.99×10^{-2} g/L, path length = 10 mm).

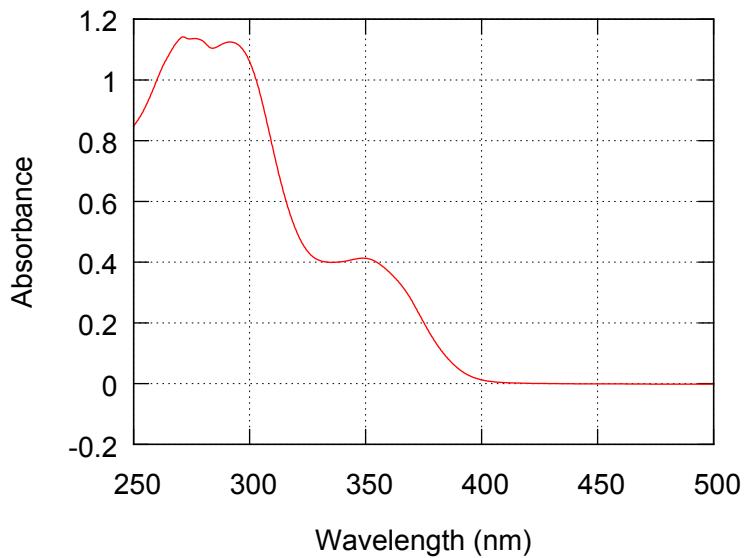


Figure S145. UV-vis absorption spectrum of **4(40)** in THF (3.01×10^{-2} g/L, path length = 10 mm).

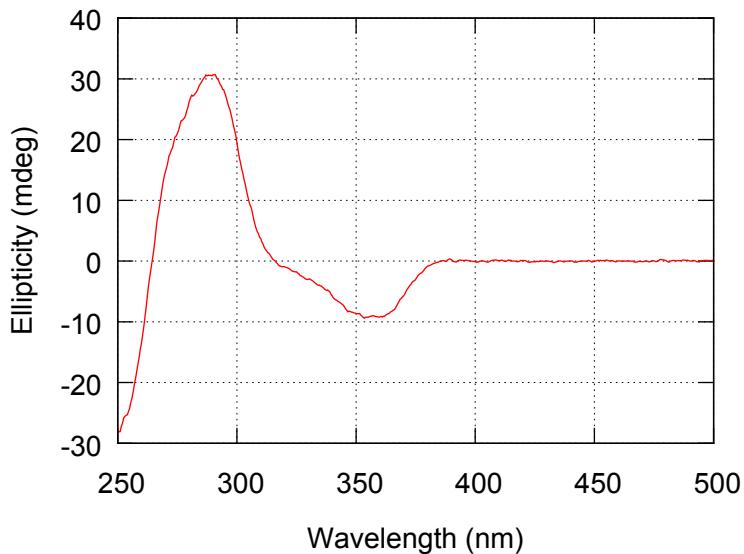


Figure S146. CD spectrum of **4(40)** in THF (3.01×10^{-2} g/L, path length = 10 mm).

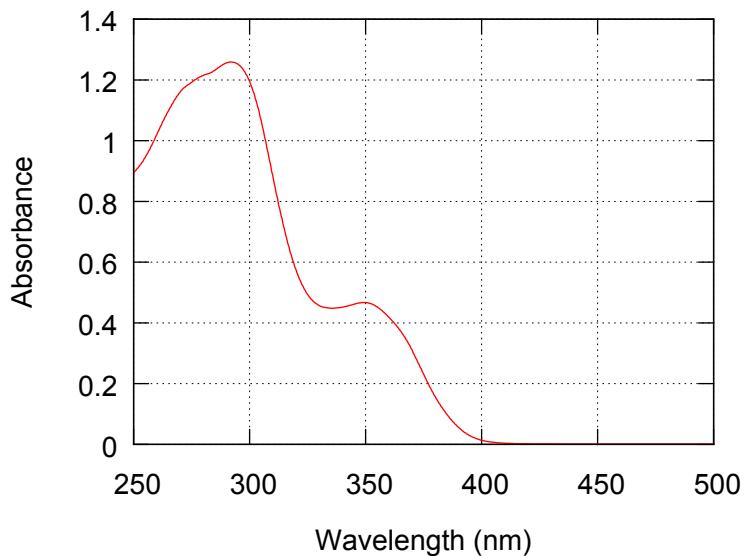


Figure S147. UV-vis absorption spectrum of **4(40)** in 1,4-Dioxane (3.01×10^{-2} g/L, path length = 10 mm).

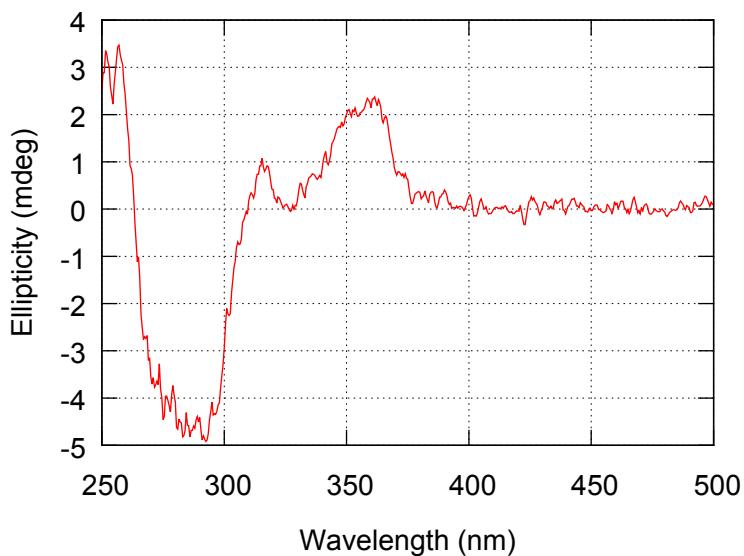


Figure S148. CD spectrum of **4(40)** in 1,4-Dioxane (3.01×10^{-2} g/L, path length = 10 mm).

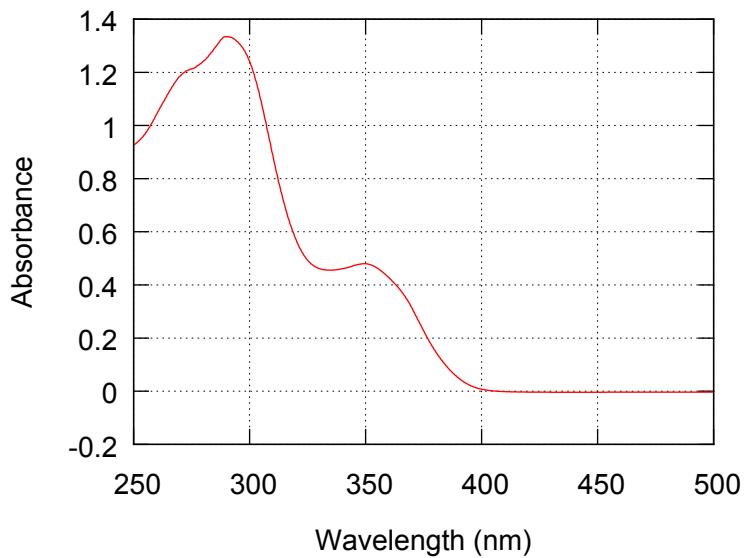


Figure S149. UV-vis absorption spectrum of **4(40)** in 2- MeTHF (3.01×10^{-2} g/L, path length = 10 mm).

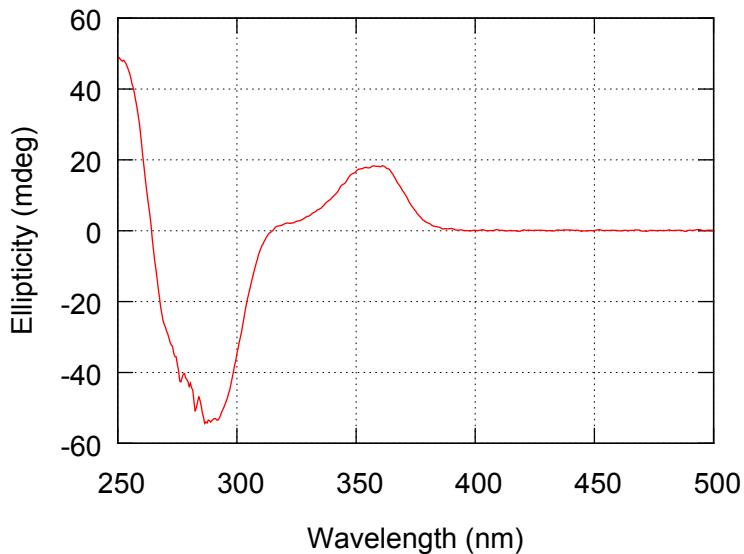


Figure S150. CD spectrum of **4(40)** in 2- MeTHF (3.01×10^{-2} g/L, path length = 10 mm).

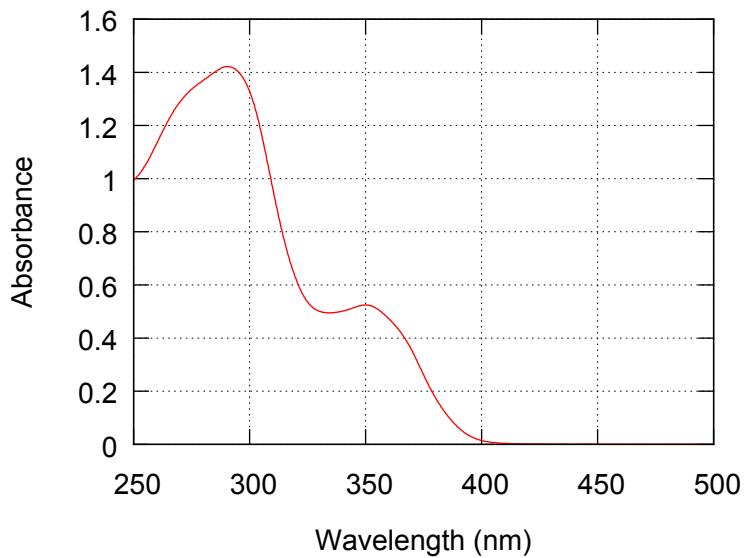


Figure S151. UV-vis absorption spectrum of **4(40)** in 1,2-DME (2.99×10^{-2} g/L, path length = 10 mm).

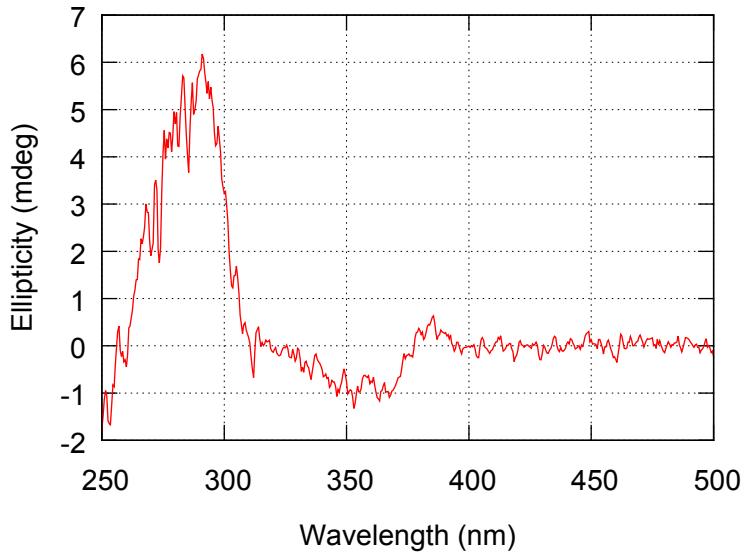


Figure S152. CD spectrum of **4(40)** in 1,2-DME (2.99×10^{-2} g/L, path length = 10 mm).

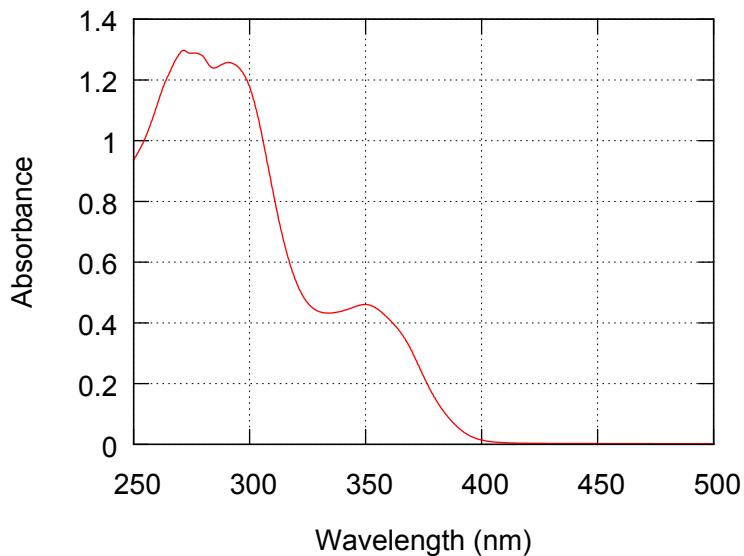


Figure S153. UV-vis absorption spectrum of **4(40)** in CPME (3.01×10^{-2} g/L, path length = 10 mm).

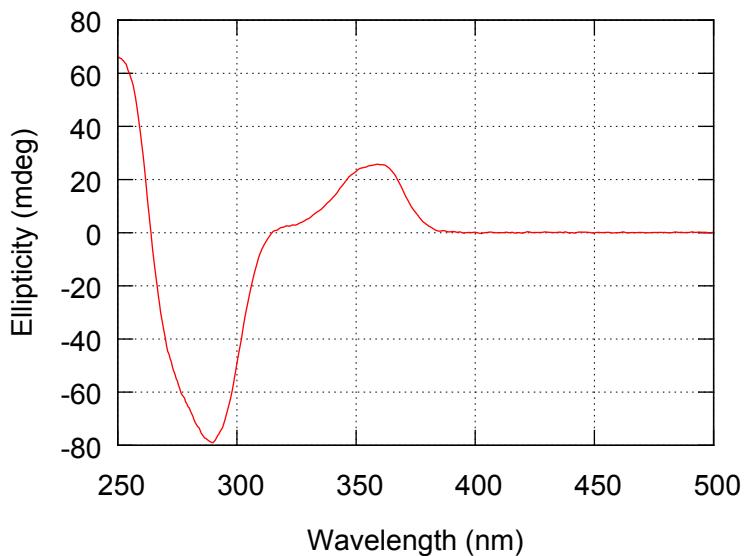


Figure S154. CD spectrum of **4(40)** in CPME (3.01×10^{-2} g/L, path length = 10 mm).

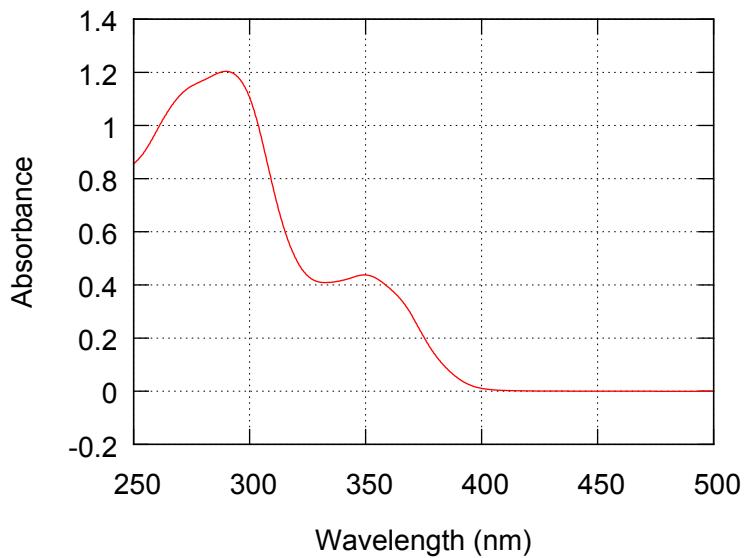


Figure S155. UV-vis absorption spectrum of **4(40)** in Et_2O (3.01×10^{-2} g/L, path length = 10 mm).

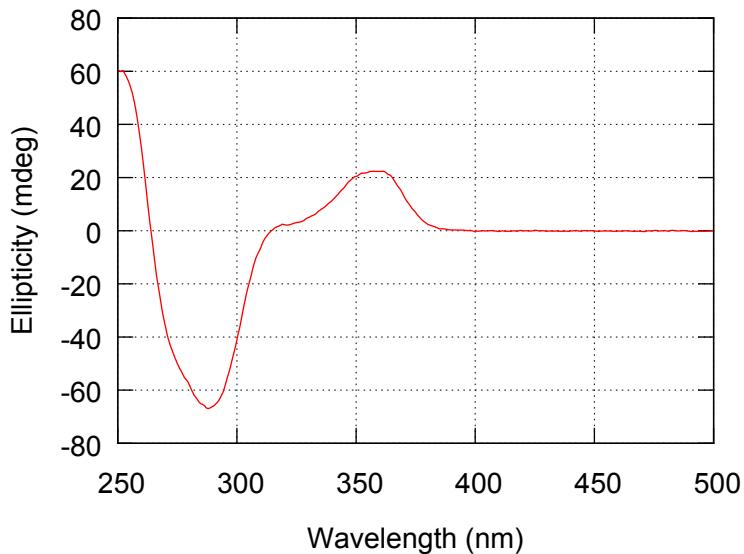


Figure S156. CD spectrum of **4(40)** in Et_2O (3.01×10^{-2} g/L, path length = 10 mm).

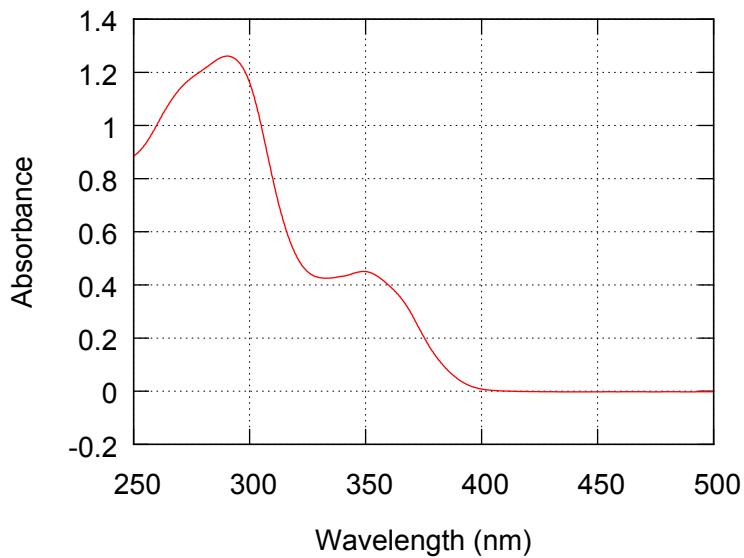


Figure S157. UV-vis absorption spectrum of **4(40)** in MTBE (3.01×10^{-2} g/L, path length = 10 mm).

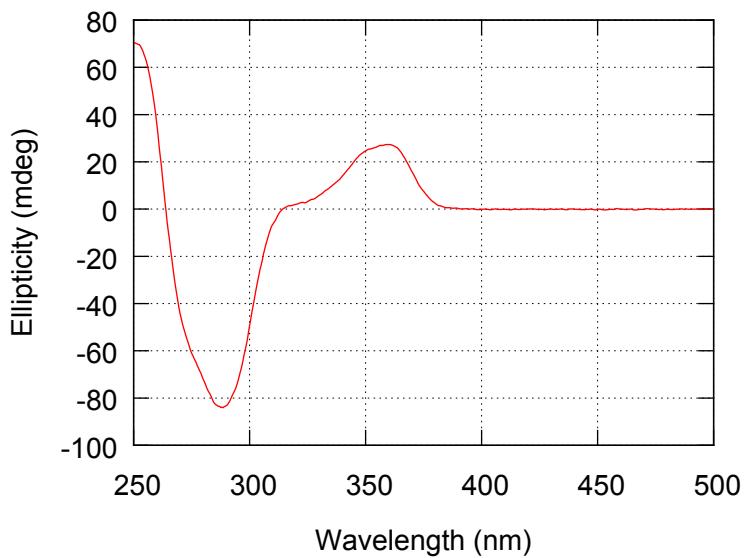


Figure S158. CD spectrum of **4(40)** in MTBE (3.01×10^{-2} g/L, path length = 10 mm).

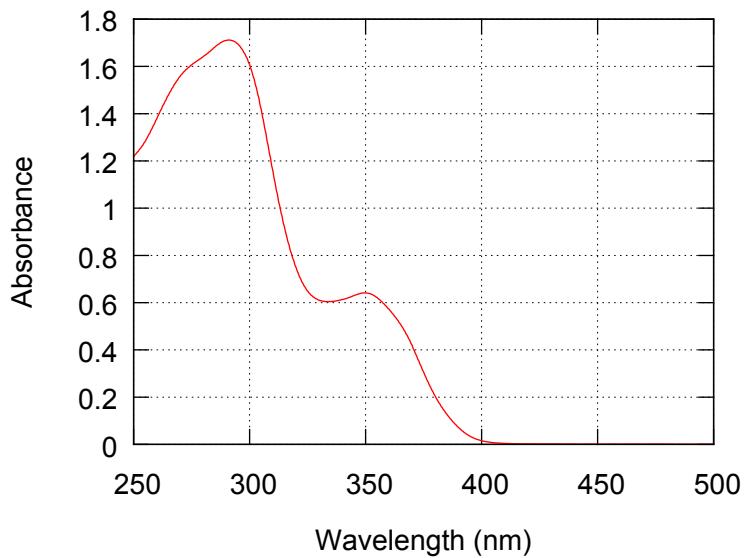


Figure S159. UV-vis absorption spectrum of **5(40)** in CHCl_3 (3×10^{-2} g/L, path length = 10 mm).

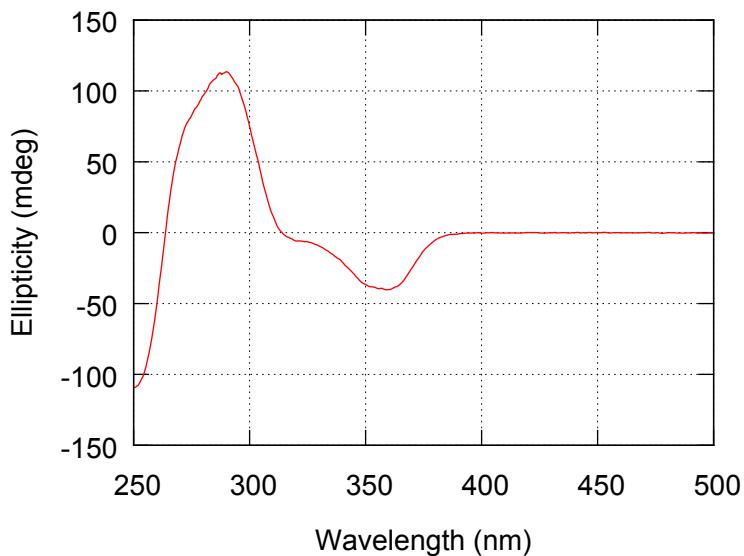


Figure S160. CD spectrum of **5(40)** in CHCl_3 (3×10^{-2} g/L, path length = 10 mm).

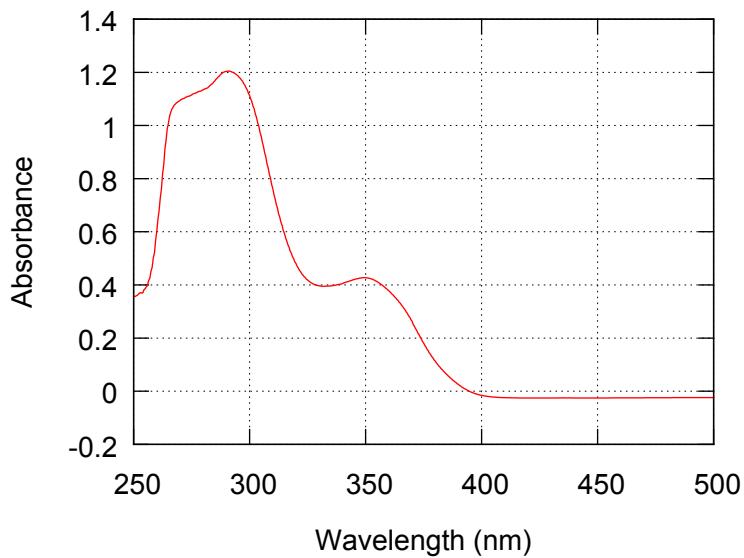


Figure S161. UV-vis absorption spectrum of **5(40)** in 1,1,2-TCE (2.46×10^{-2} g/L, path length = 10 mm).

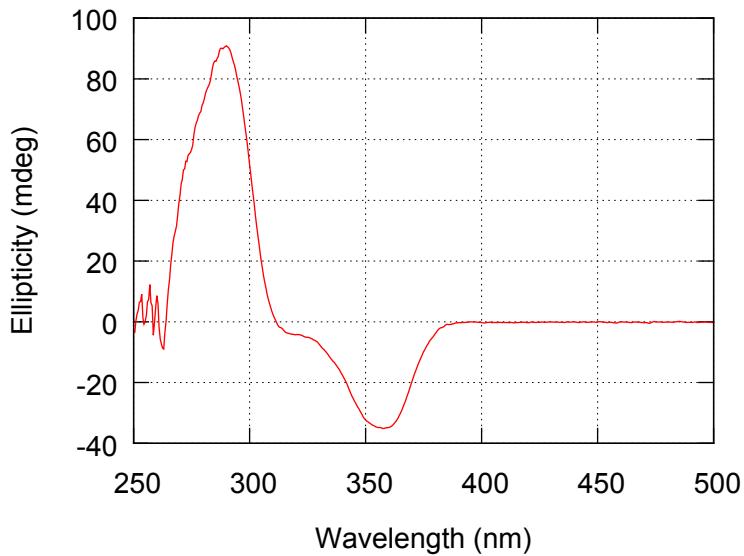


Figure S162. CD spectrum of **5(40)** in 1,1,2-TCE (2.46×10^{-2} g/L, path length = 10 mm).

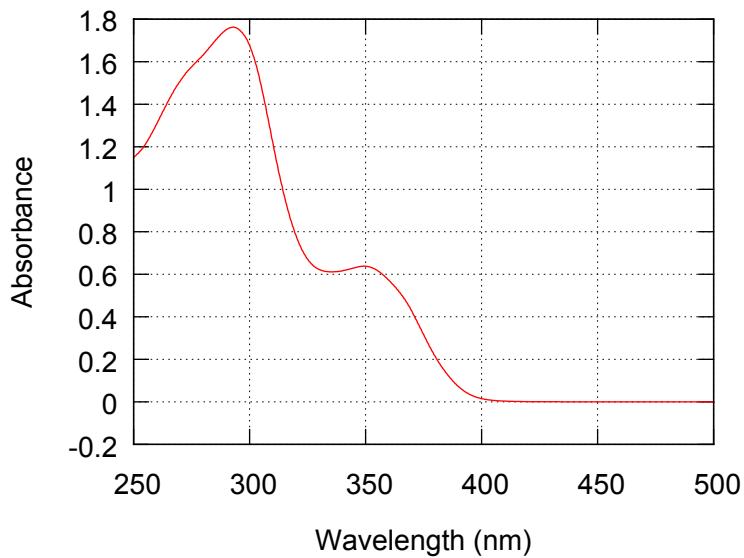


Figure S163. UV-vis absorption spectrum of **5(40)** in THF (3×10^{-2} g/L, path length = 10 mm).

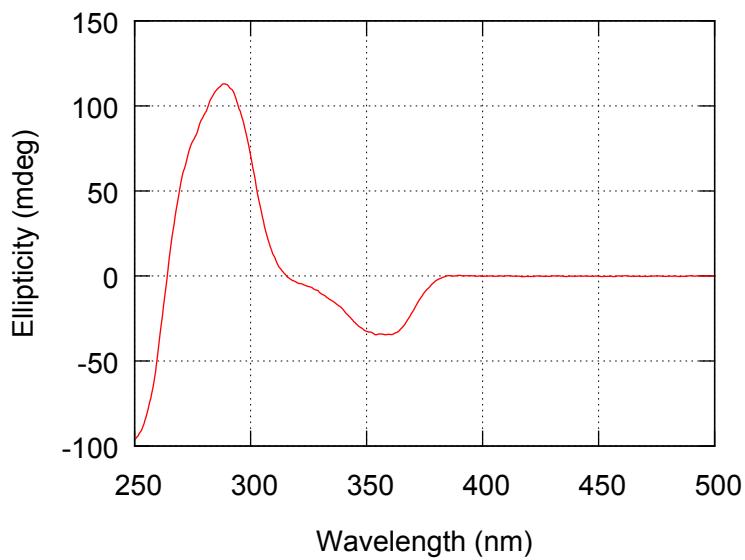


Figure S164. CD spectrum of **5(40)** in THF (3×10^{-2} g/L, path length = 10 mm).

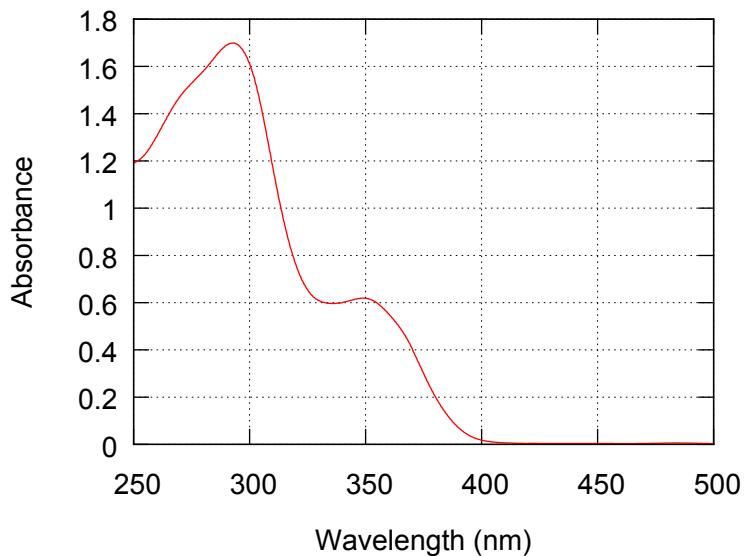


Figure S165. UV-vis absorption spectrum of **5(40)** in 1,4-Dioxane (3×10^{-2} g/L, path length = 10 mm).

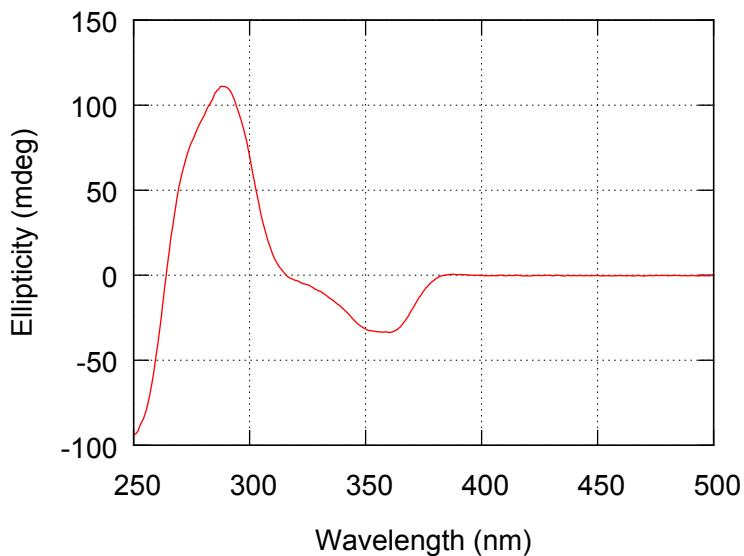


Figure S166. CD spectrum of **5(40)** in 1,4-Dioxane (3×10^{-2} g/L, path length = 10 mm).

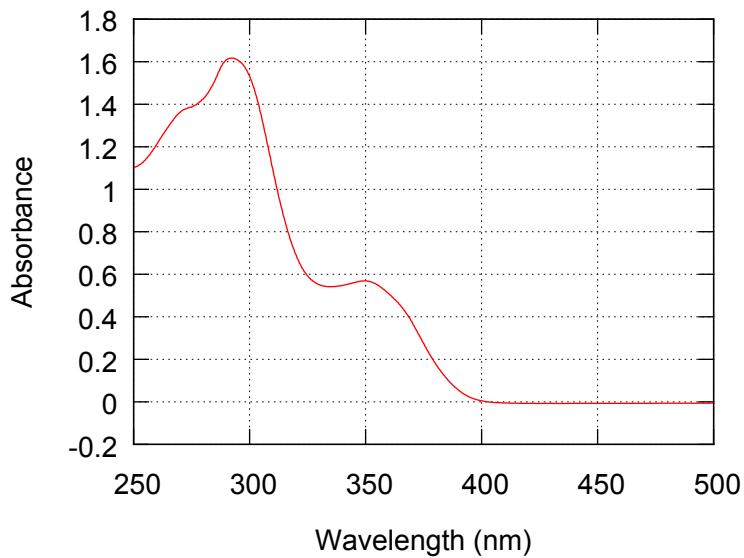


Figure S167. UV-vis absorption spectrum of **5(40)** in 2-MeTHF (3×10^{-2} g/L, path length = 10 mm).

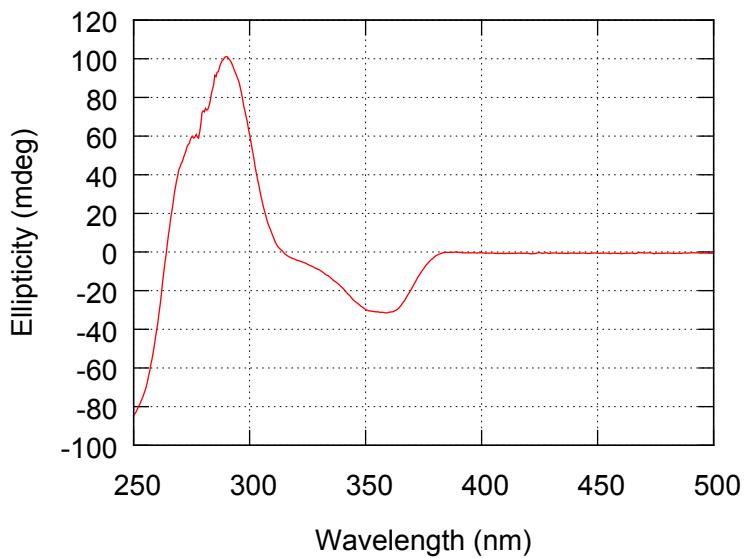


Figure S168. CD spectrum of **5(40)** in 2-MeTHF (3×10^{-2} g/L, path length = 10 mm).

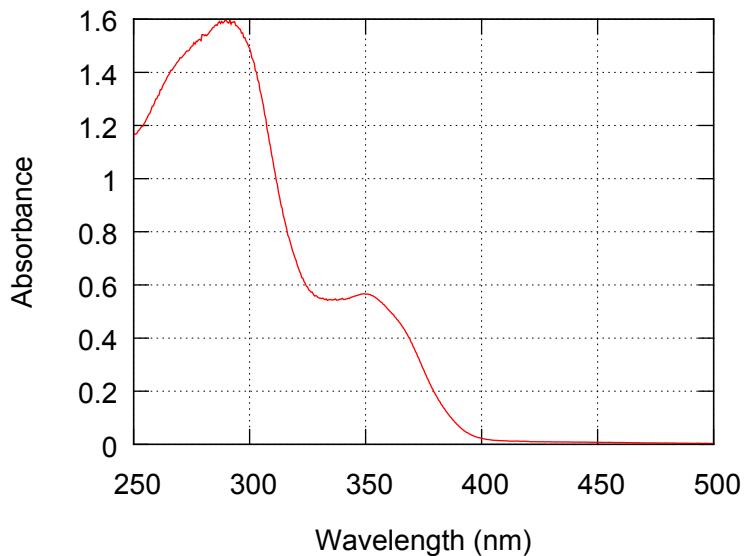


Figure S169. UV-vis absorption spectrum of **5(40)** in 1,2-DME (3.49×10^{-2} g/L, path length = 10 mm).

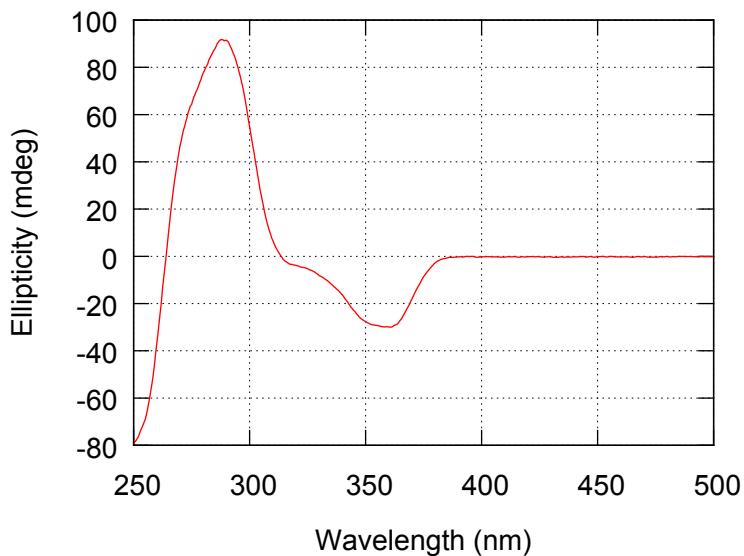


Figure S170. CD spectrum of **5(40)** in 1,2-DME (3.49×10^{-2} g/L, path length = 10 mm).

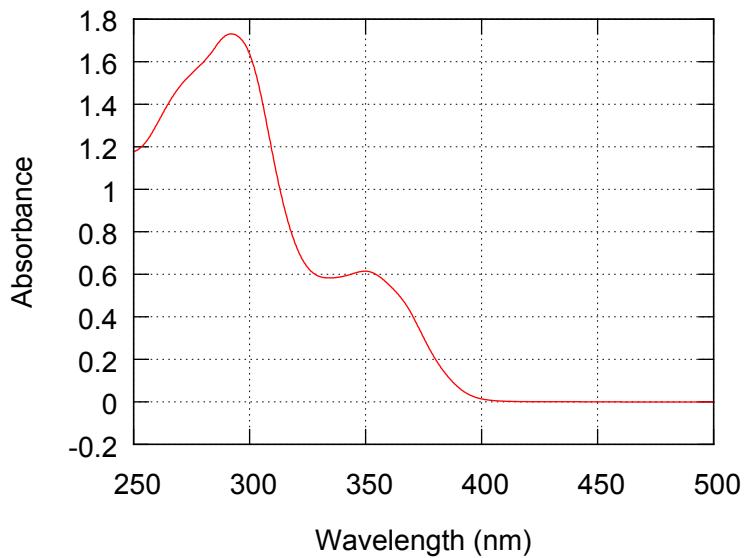


Figure S171. UV-vis absorption spectrum of **5(40)** in CPME (3×10^{-2} g/L, path length = 10 mm).

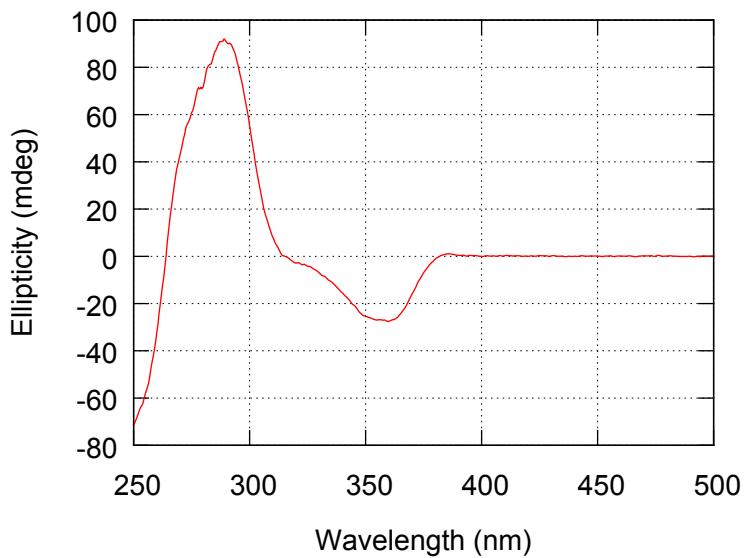


Figure S172. CD spectrum of **5(40)** in CPME (3×10^{-2} g/L, path length = 10 mm).

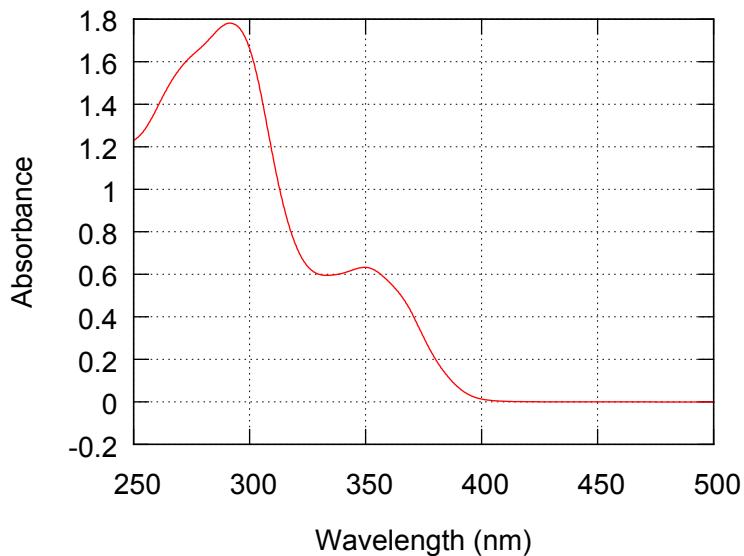


Figure S173. UV-vis absorption spectrum of **5(40)** in Et_2O (3×10^{-2} g/L, path length = 10 mm).

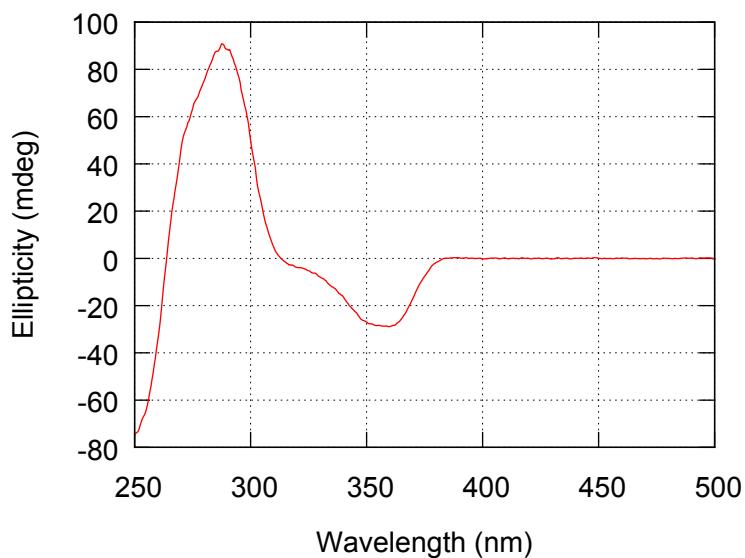


Figure S174. CD spectrum of **5(40)** in Et_2O (3×10^{-2} g/L, path length = 10 mm).

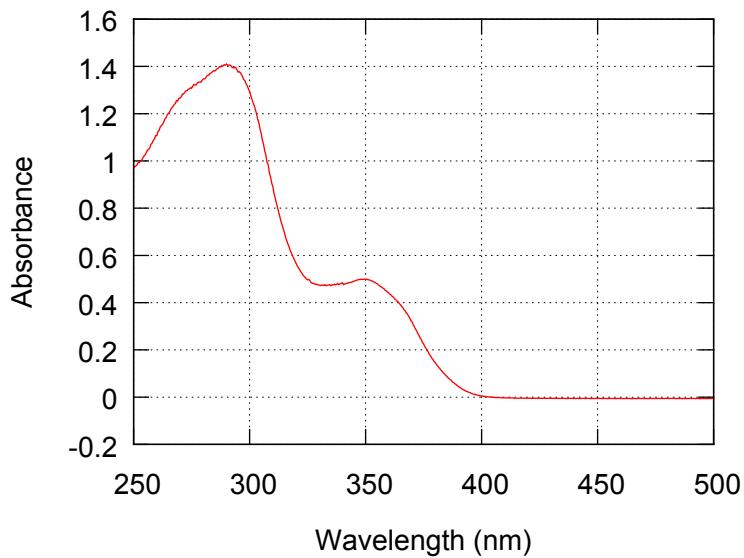


Figure S175. UV-vis absorption spectrum of **5(40)** in MTBE (3.49×10^{-2} g/L, path length = 10 mm).

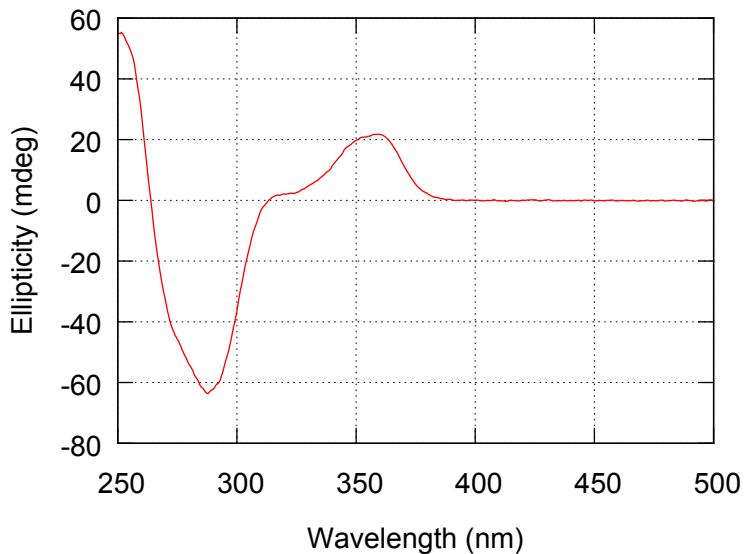


Figure S176. CD spectrum of **5(40)** in MTBE (3.49×10^{-2} g/L, path length = 10 mm).

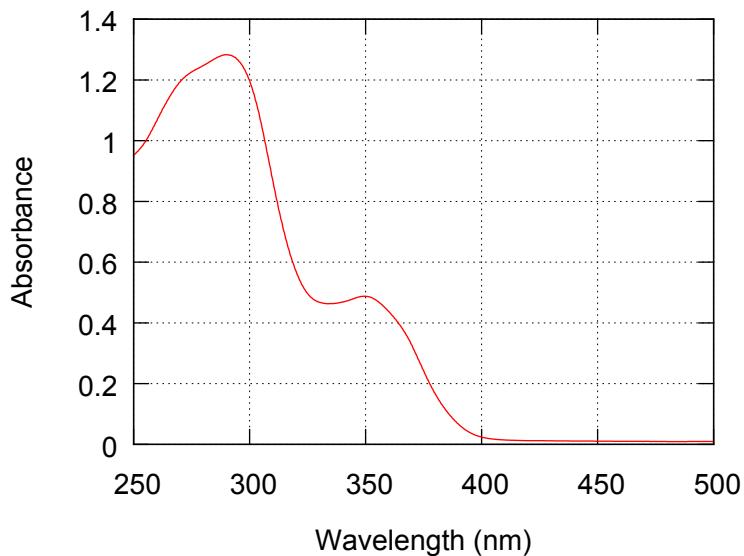


Figure S177. UV-vis absorption spectrum of **6(40)** in CHCl_3 (3.01×10^{-2} g/L, path length = 10 mm).

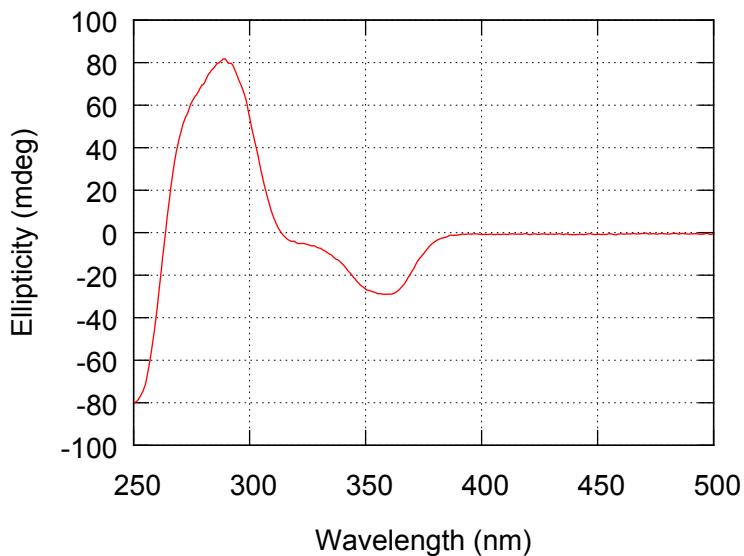


Figure S178. CD spectrum of **6(40)** in CHCl_3 (3.01×10^{-2} g/L, path length = 10 mm).

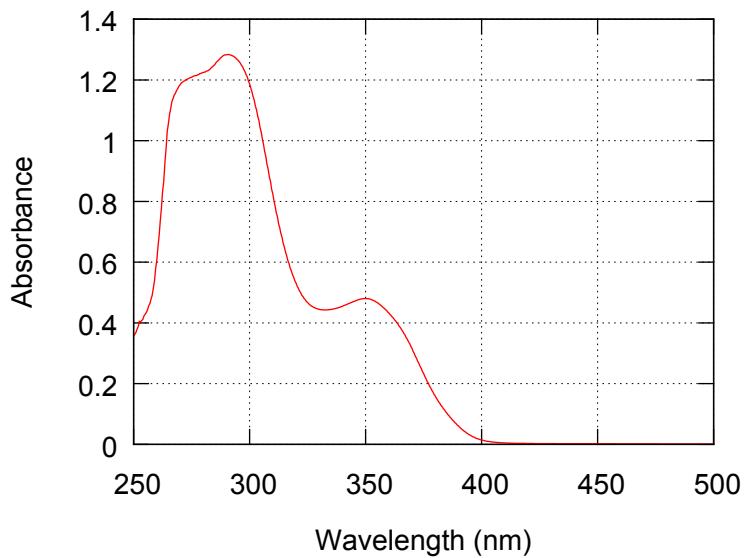


Figure S179. UV-vis absorption spectrum of **6(40)** in 1,1,2-TCE (3.01×10^{-2} g/L, path length = 10 mm).

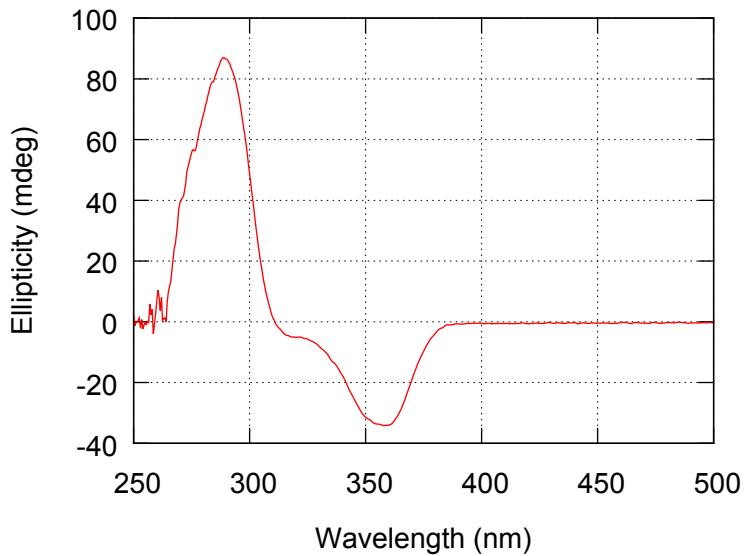


Figure S180. CD spectrum of **6(40)** in 1,1,2-TCE (3.01×10^{-2} g/L, path length = 10 mm).

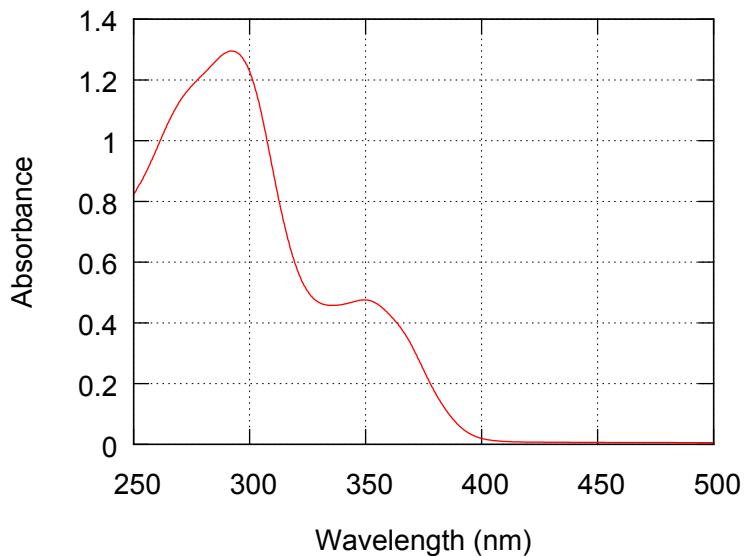


Figure S181. UV-vis absorption spectrum of **6(40)** in THF (3.01×10^{-2} g/L, path length = 10 mm).

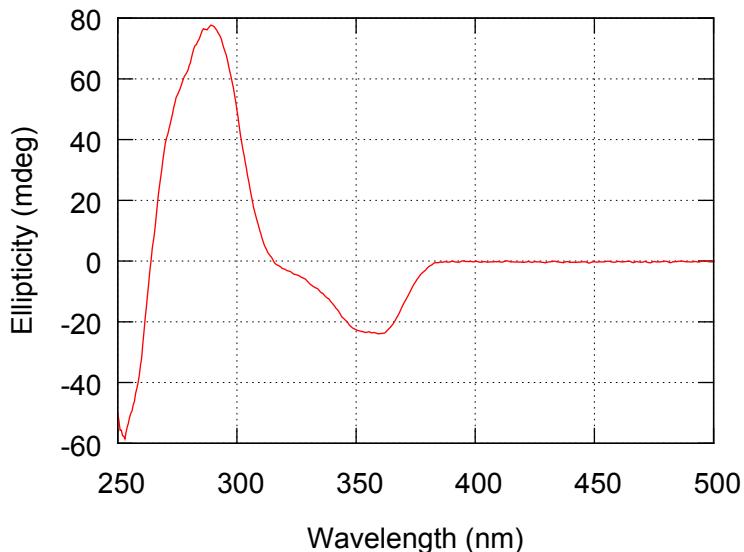


Figure S182. CD spectrum of **6(40)** in THF (3.01×10^{-2} g/L, path length = 10 mm).

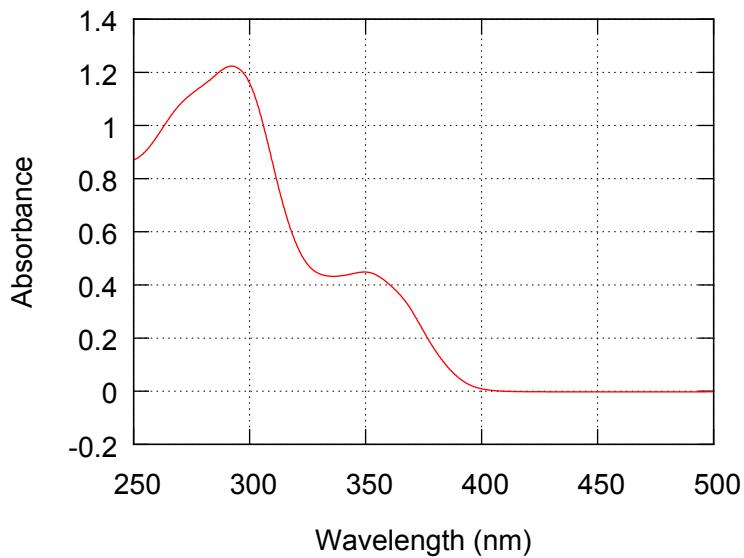


Figure S183. UV-vis absorption spectrum of **6(40)** in 1,4-Dioxane (3.01×10^{-2} g/L, path length = 10 mm).

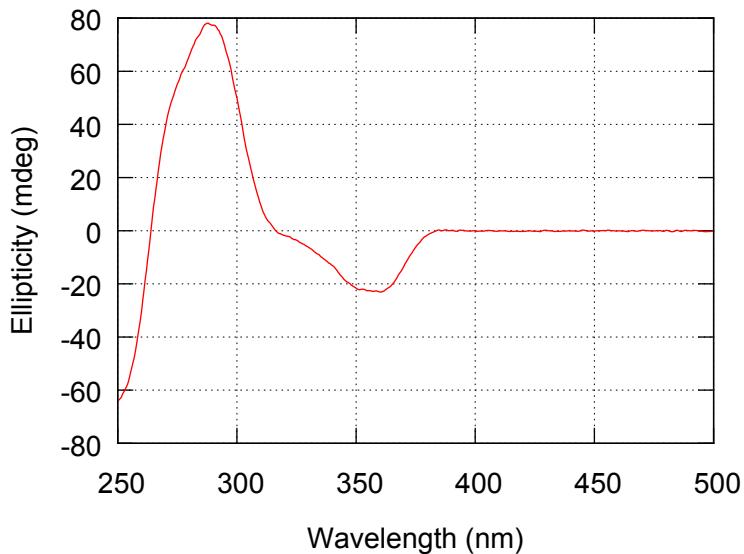


Figure S184. CD spectrum of **6(40)** in 1,4-Dioxane (3.01×10^{-2} g/L, path length = 10 mm).

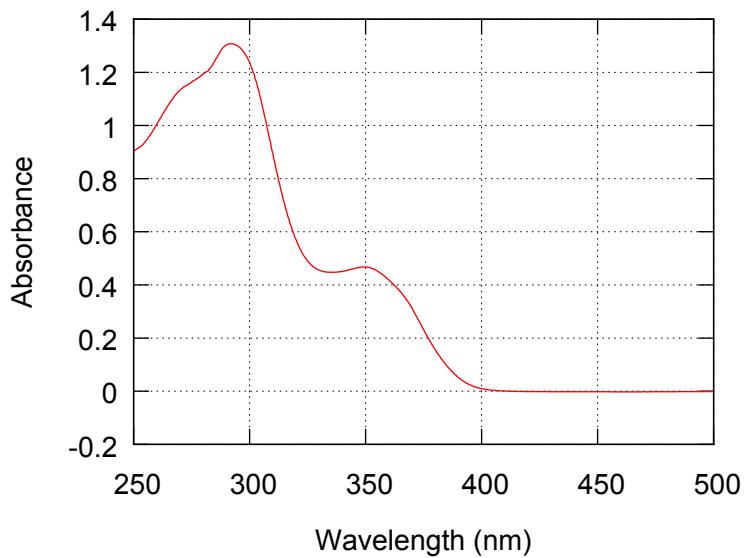


Figure S185. UV-vis absorption spectrum of **6(40)** in 2- MeTHF (3.01×10^{-2} g/L, path length = 10 mm).

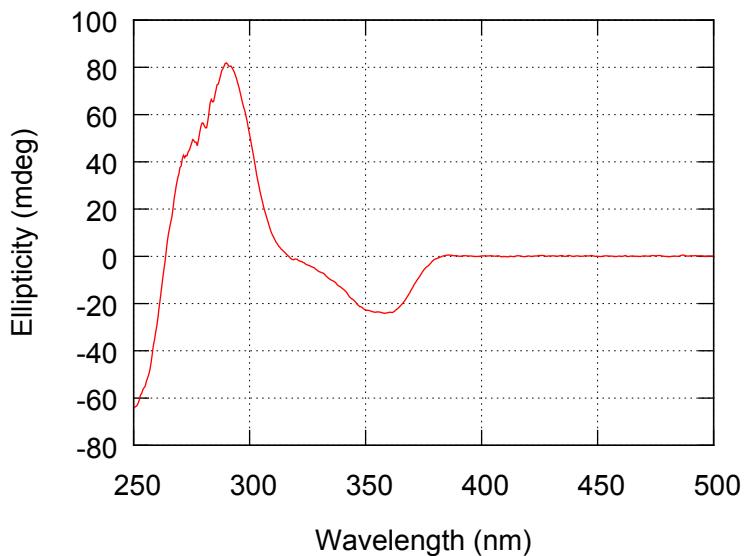


Figure S186. CD spectrum of **6(40)** in 2- MeTHF (3.01×10^{-2} g/L, path length = 10 mm).

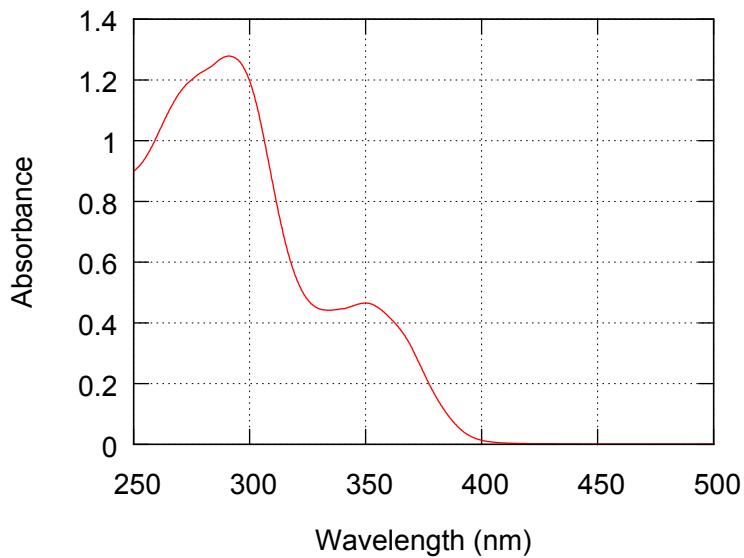


Figure S187. UV-vis absorption spectrum of **6(40)** in 1,2-DME (3.01×10^{-2} g/L, path length = 10 mm).

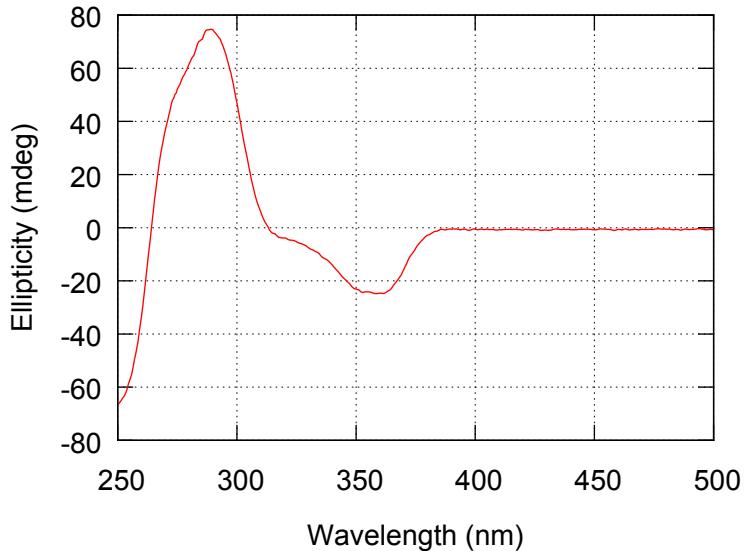


Figure S188. CD spectrum of **6(40)** in 1,2-DME (3.01×10^{-2} g/L, path length = 10 mm).

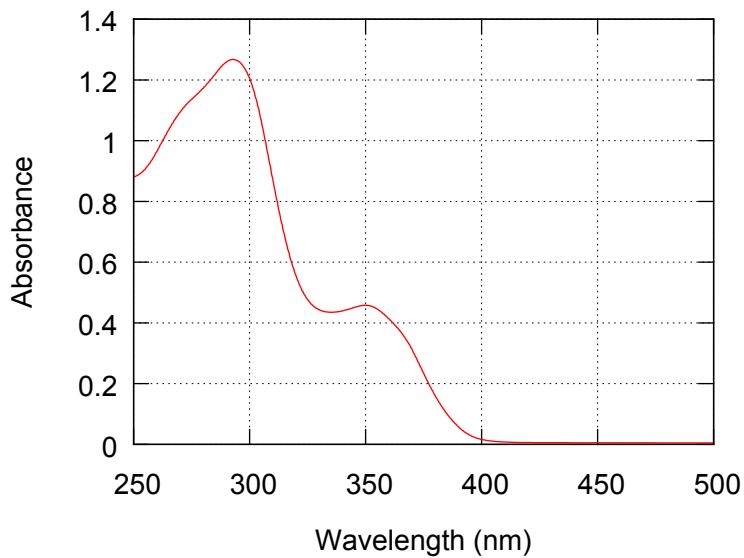


Figure S189. UV-vis absorption spectrum of **6(40)** in CPME (3.01×10^{-2} g/L, path length = 10 mm).

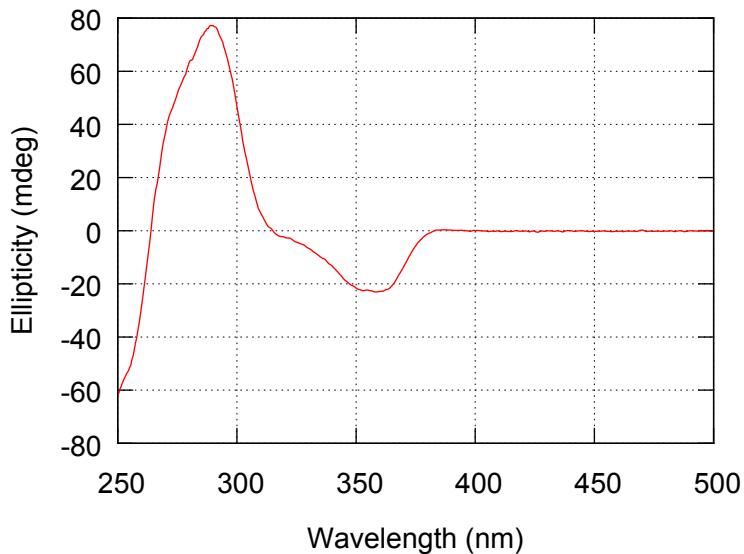


Figure S190. CD spectrum of **6(40)** in CPME (3.01×10^{-2} g/L, path length = 10 mm).

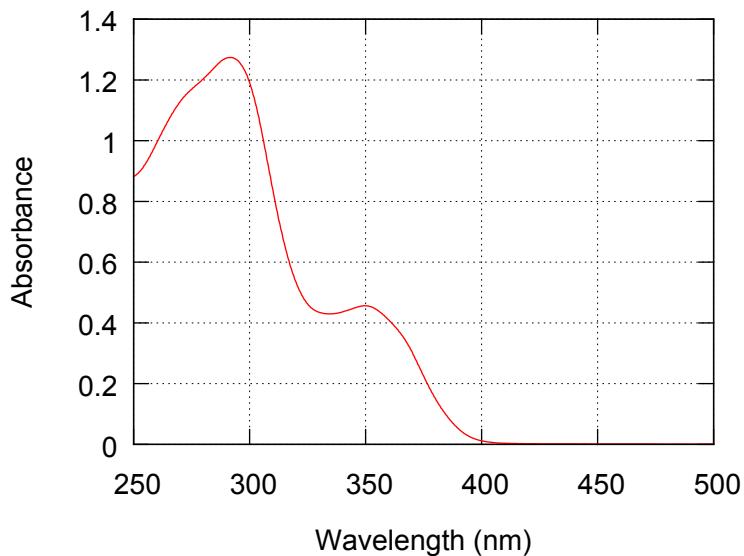


Figure S191. UV-vis absorption spectrum of **6(40)** in Et_2O (3.01×10^{-2} g/L, path length = 10 mm).

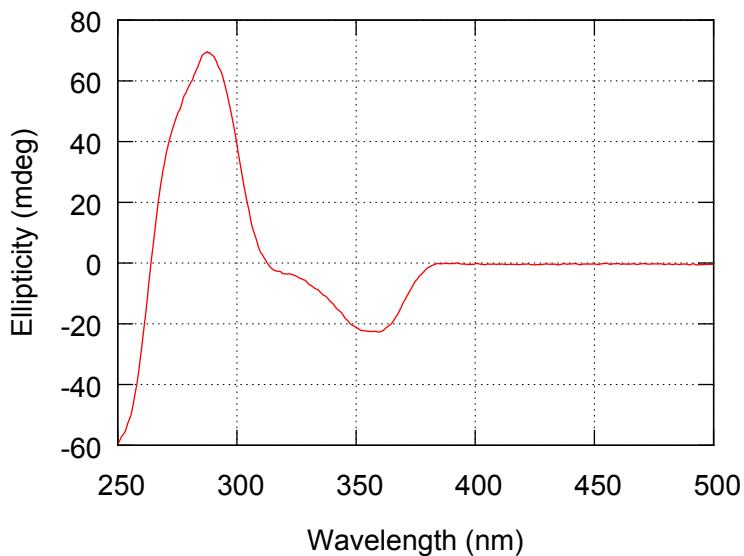


Figure S192. CD spectrum of **6(40)** in Et_2O (3.01×10^{-2} g/L, path length = 10 mm).

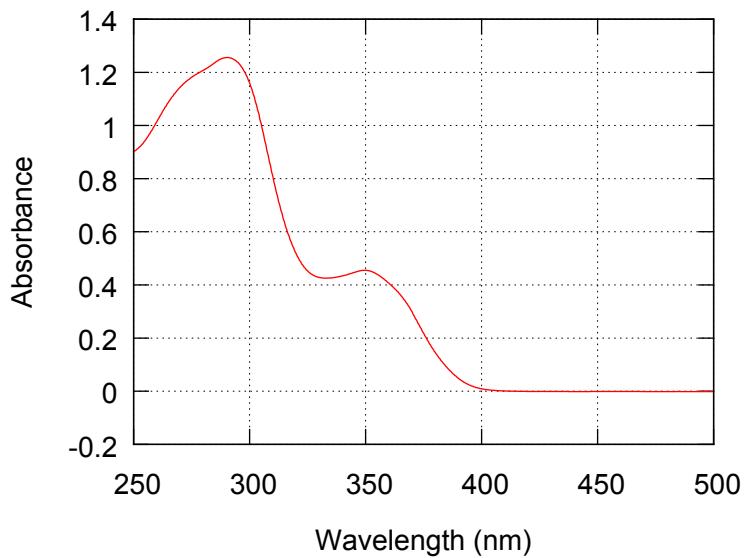


Figure S193. UV-vis absorption spectrum of **6(40)** in MTBE (3.01×10^{-2} g/L, path length = 10 mm).

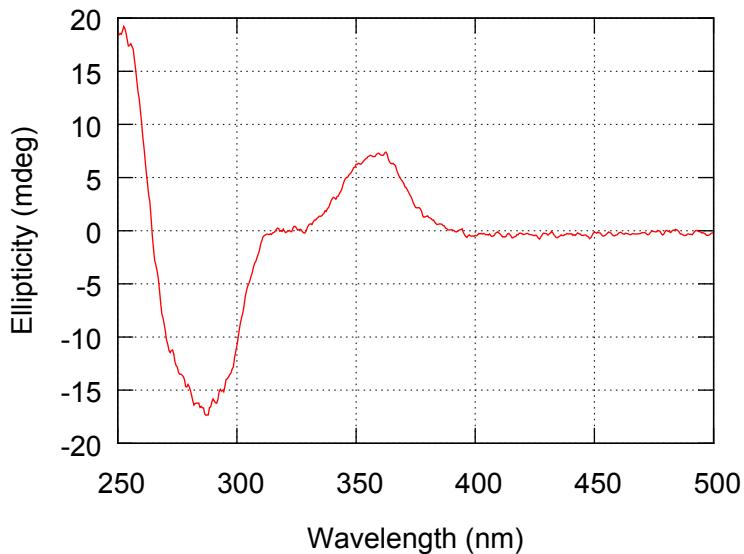


Figure S194. CD spectrum of **6(40)** in MTBE (3.01×10^{-2} g/L, path length = 10 mm).

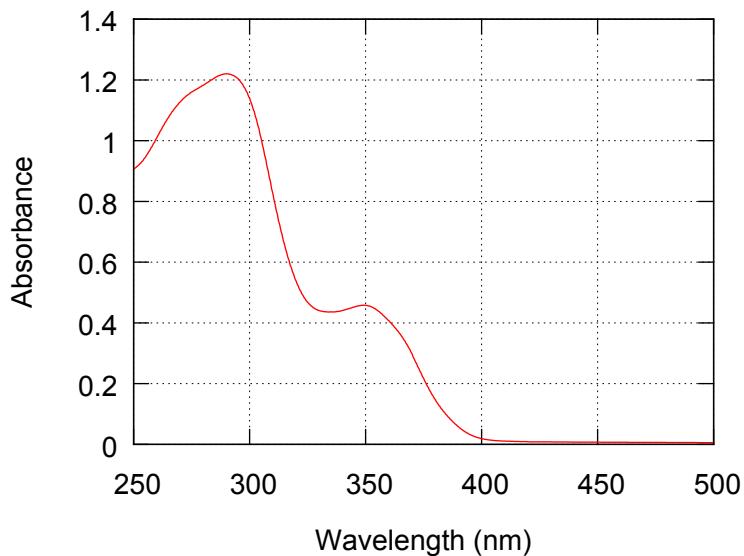


Figure S195. UV-vis absorption spectrum of **7(40)** in CHCl_3 (2.99×10^{-2} g/L, path length = 10 mm).

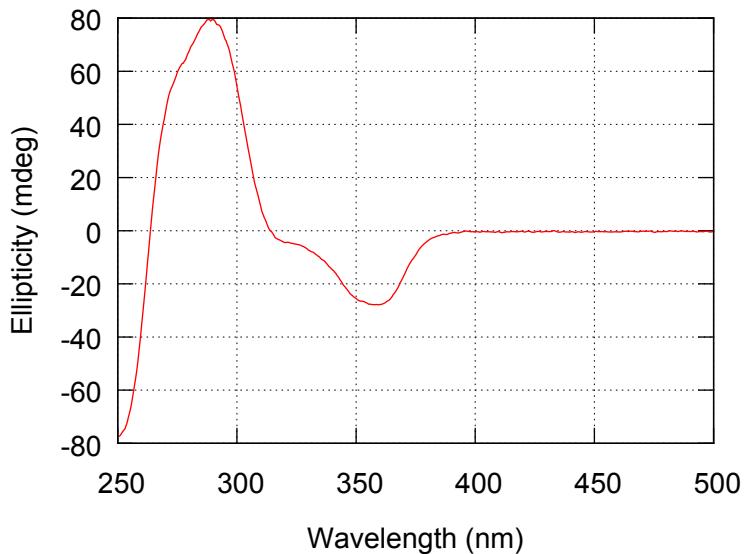


Figure S196. CD spectrum of **7(40)** in CHCl_3 (2.99×10^{-2} g/L, path length = 10 mm).

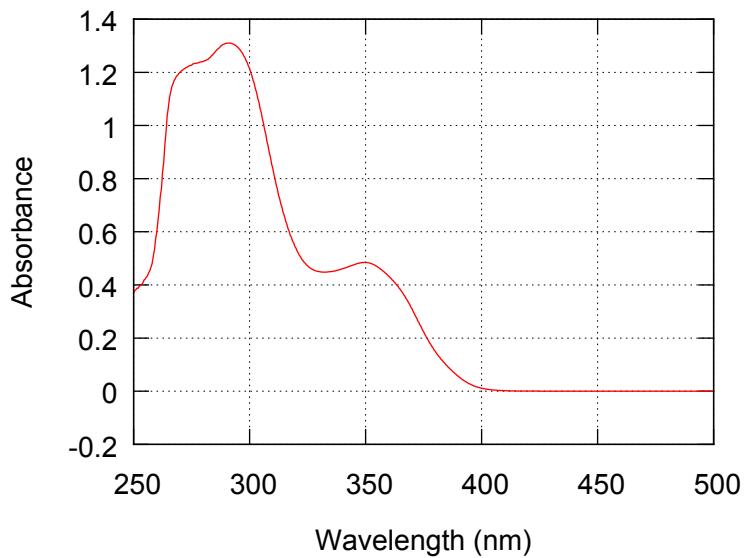


Figure S197. UV-vis absorption spectrum of **7(40)** in 1,1,2-TCE (2.99×10^{-2} g/L, path length = 10 mm).

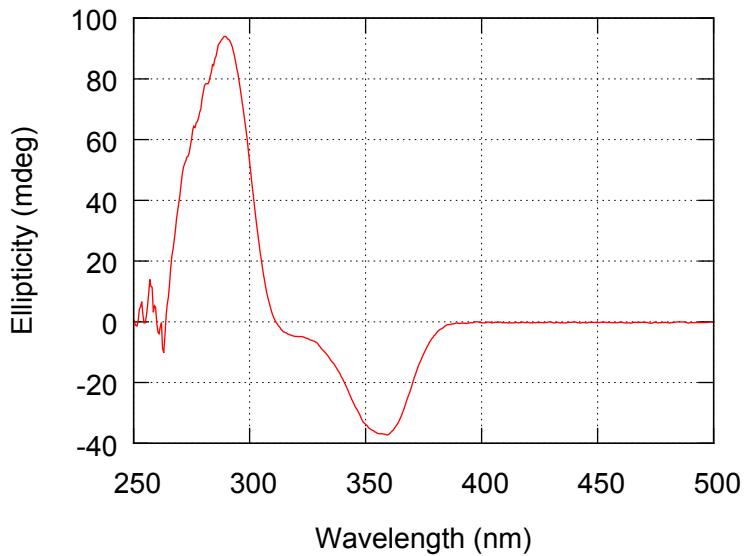


Figure S198. CD spectrum of **7(40)** in 1,1,2-TCE (2.99×10^{-2} g/L, path length = 10 mm).

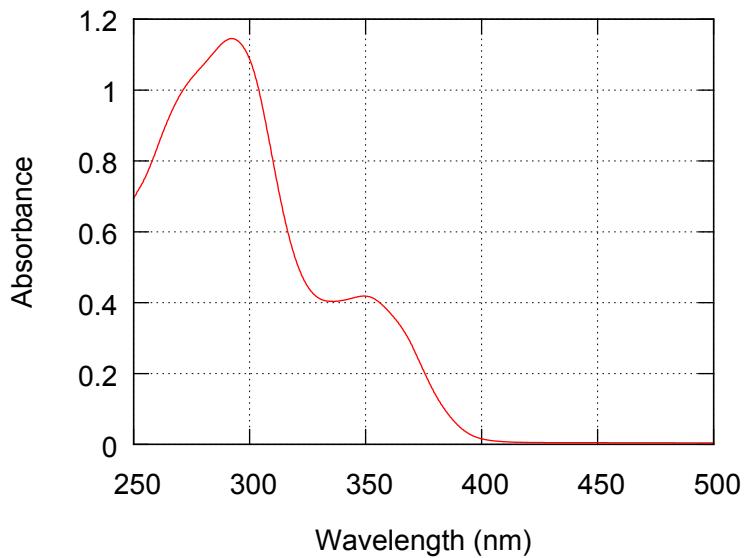


Figure S199. UV-vis absorption spectrum of **7(40)** in THF (2.99×10^{-2} g/L, path length = 10 mm).

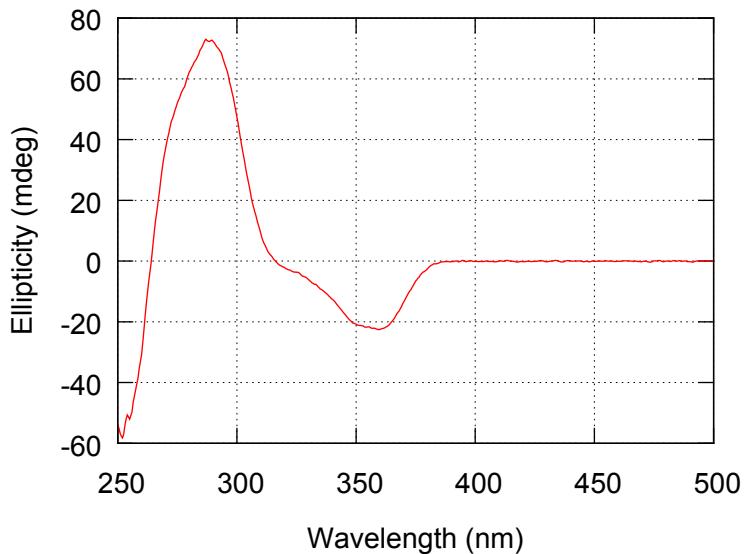


Figure S200. CD spectrum of **7(40)** in THF (2.99×10^{-2} g/L, path length = 10 mm).

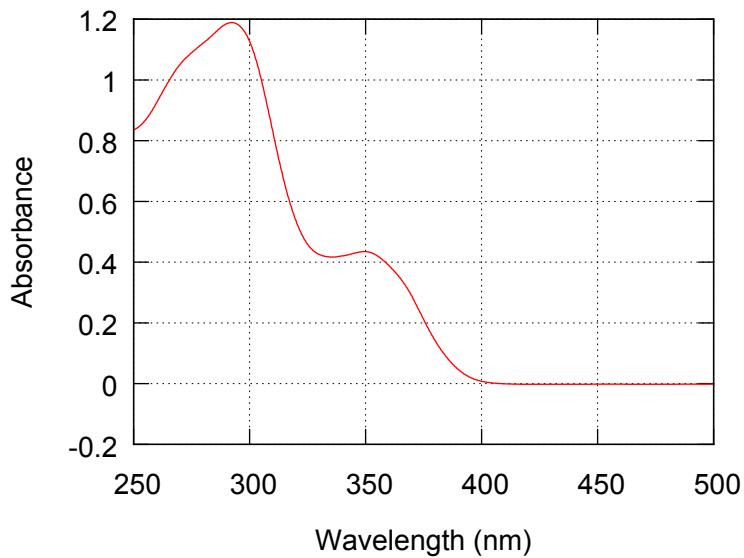


Figure S201. UV-vis absorption spectrum of **7(40)** in 1,4-Dioxane (2.99×10^{-2} g/L, path length = 10 mm).

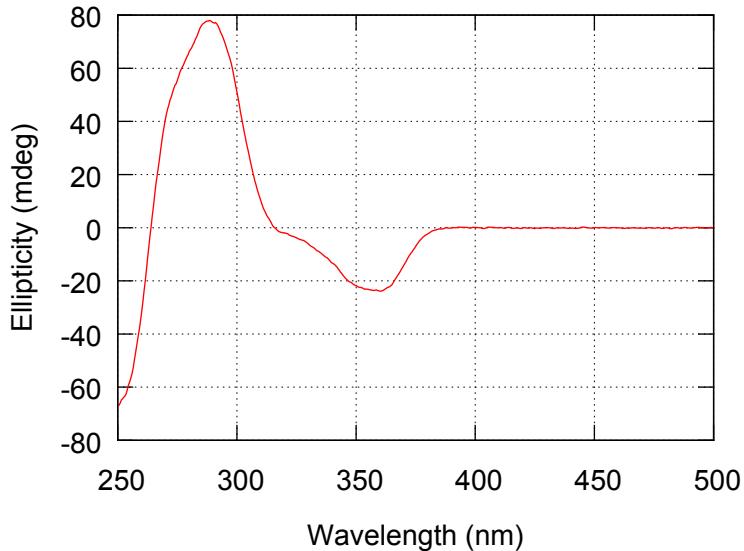


Figure S202. CD spectrum of **7(40)** in 1,4-Dioxane (2.99×10^{-2} g/L, path length = 10 mm).

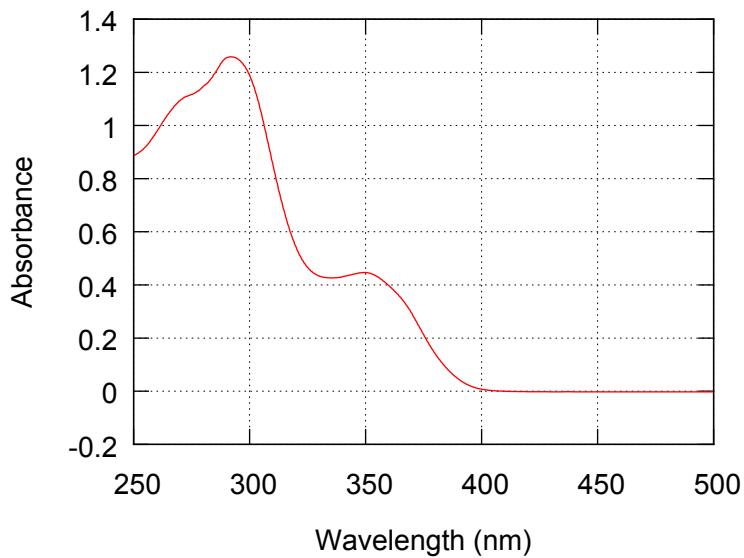


Figure S203. UV-vis absorption spectrum of **7(40)** in 2- MeTHF (2.99×10^{-2} g/L, path length = 10 mm).

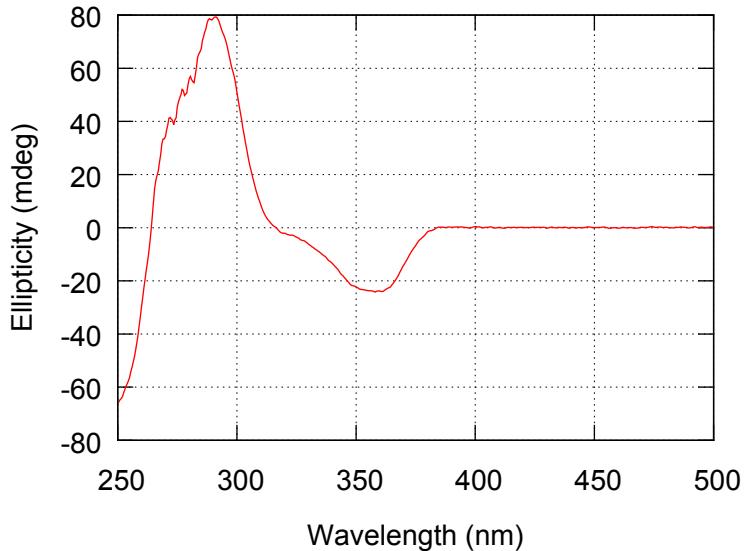


Figure S204. CD spectrum of **7(40)** in 2- MeTHF (2.99×10^{-2} g/L, path length = 10 mm).

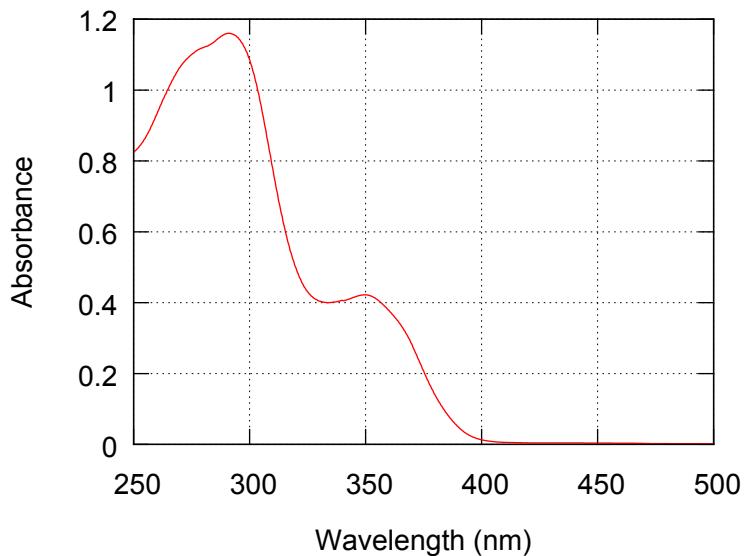


Figure S205. UV-vis absorption spectrum of **7(40)** in 1,2-DME (2.99×10^{-2} g/L, path length = 10 mm).

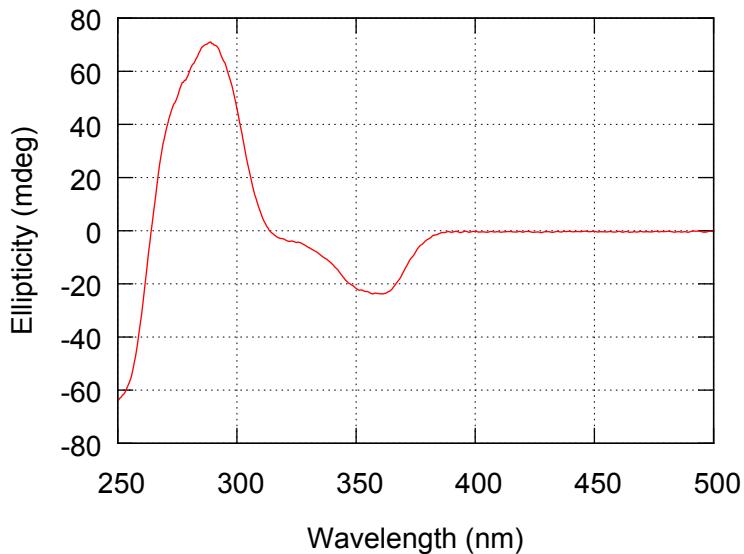


Figure S206. CD spectrum of **7(40)** in 1,2-DME (2.99×10^{-2} g/L, path length = 10 mm).

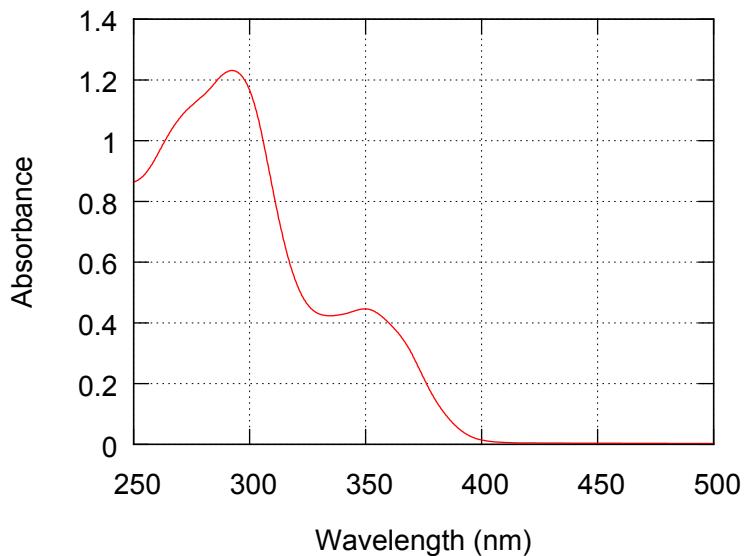


Figure S207. UV-vis absorption spectrum of **7(40)** in CPME (2.99×10^{-2} g/L, path length = 10 mm).

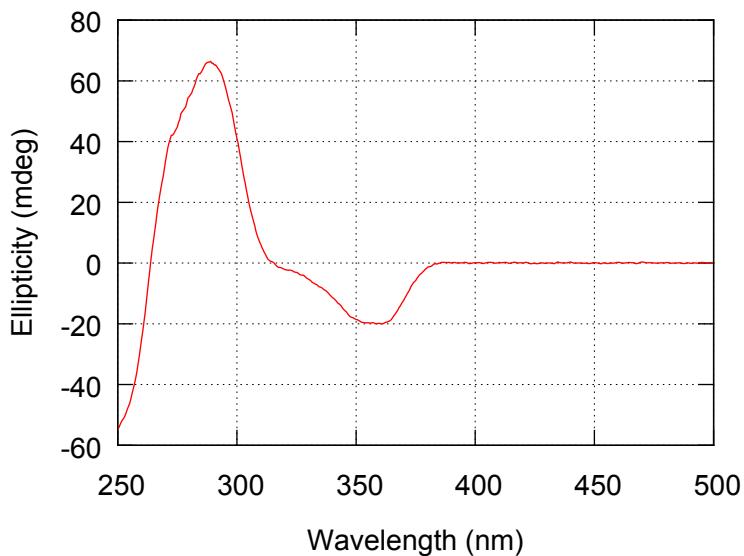


Figure S208. CD spectrum of **7(40)** in CPME (2.99×10^{-2} g/L, path length = 10 mm).

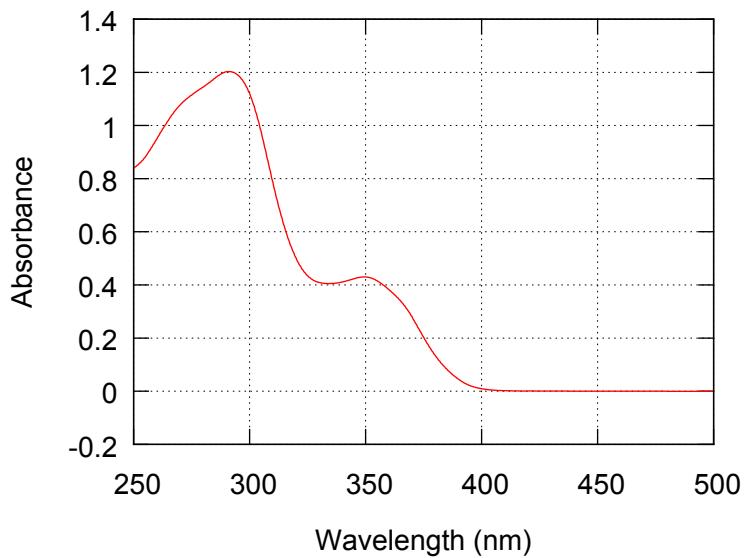


Figure S209. UV-vis absorption spectrum of **7(40)** in Et_2O (2.99×10^{-2} g/L, path length = 10 mm).

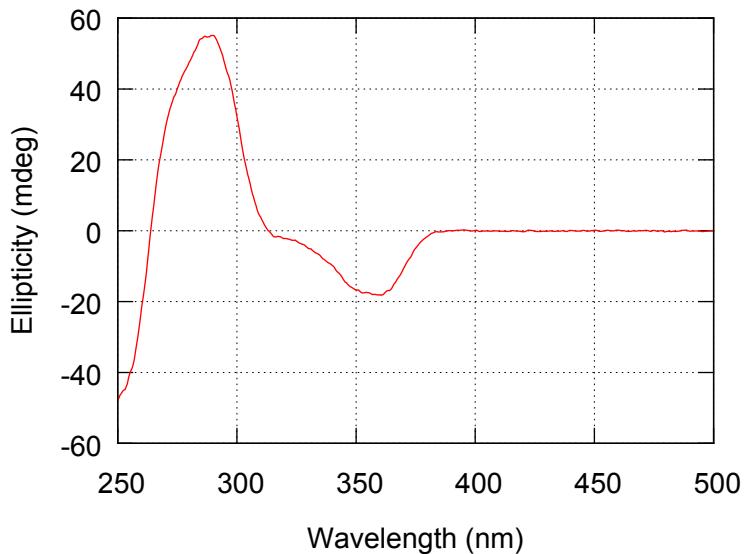


Figure S210. CD spectrum of **7(40)** in Et_2O (2.99×10^{-2} g/L, path length = 10 mm).

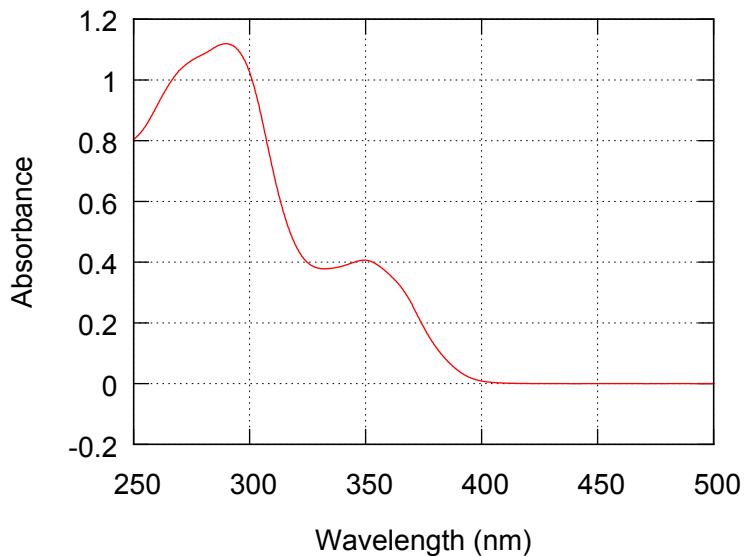


Figure S211. UV-vis absorption spectrum of **7(40)** in MTBE (2.99×10^{-2} g/L, path length = 10 mm).

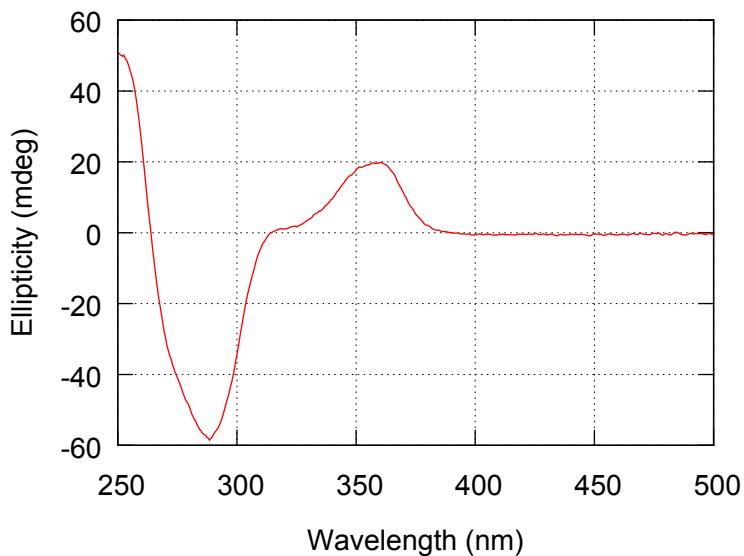


Figure S212. CD spectrum of **7(40)** in MTBE (2.99×10^{-2} g/L, path length = 10 mm).

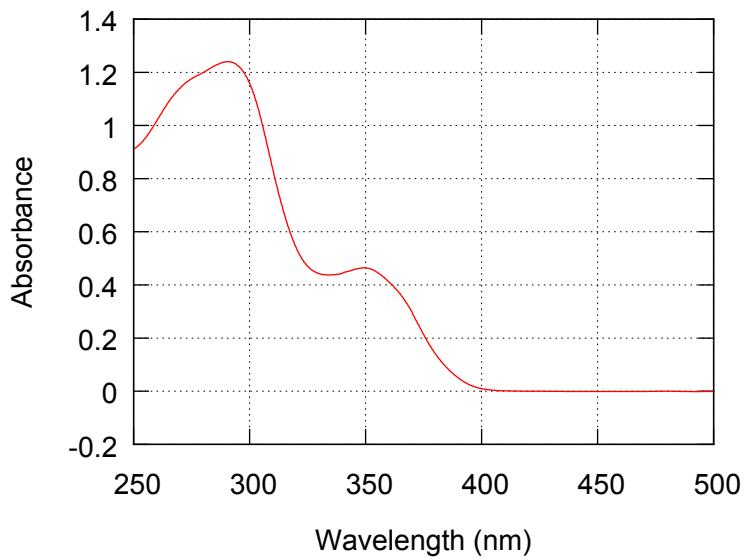


Figure S213. UV-vis absorption spectrum of **8(40)** in CHCl_3 (3.02×10^{-2} g/L, path length = 10 mm).

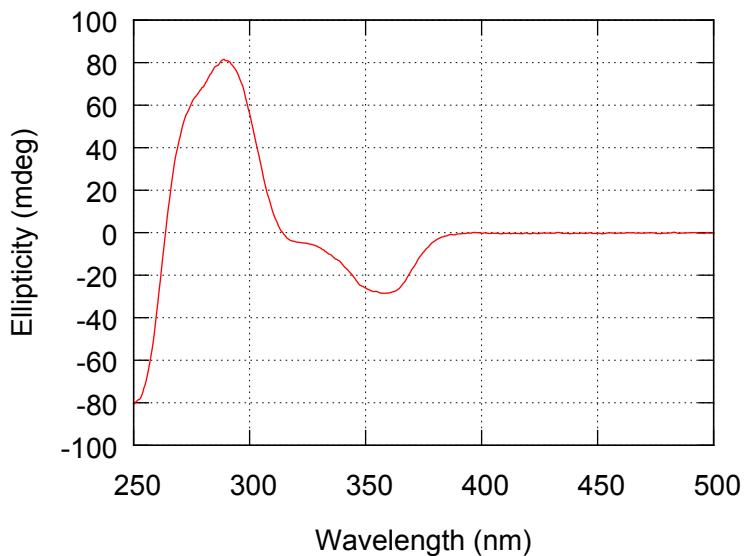


Figure S214. CD spectrum of **8(40)** in CHCl_3 (3.02×10^{-2} g/L, path length = 10 mm).

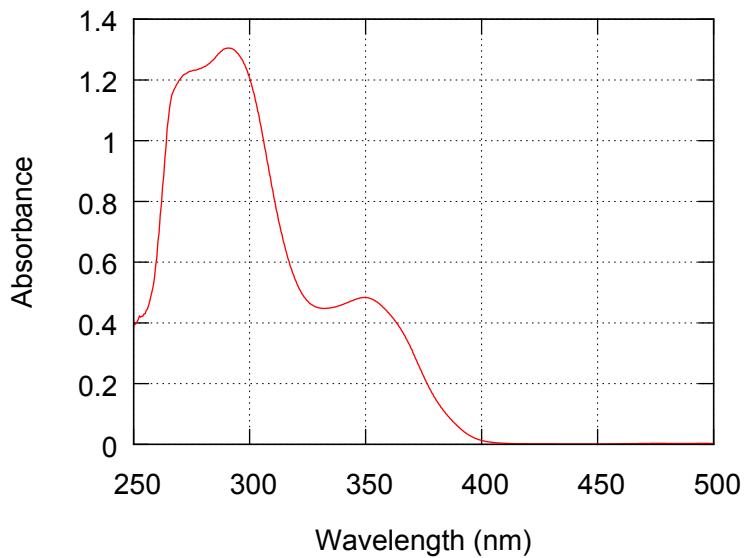


Figure S215. UV-vis absorption spectrum of **8(40)** in 1,1,2-TCE (3.02×10^{-2} g/L, path length = 10 mm).

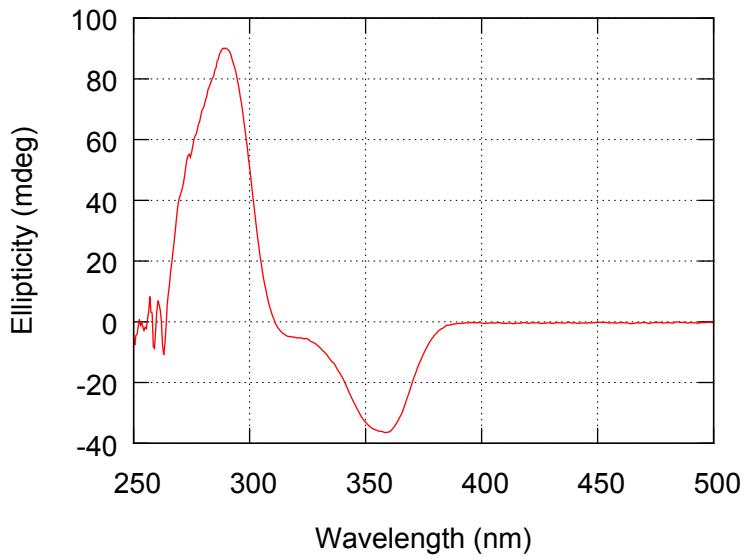


Figure S216. CD spectrum of **8(40)** in 1,1,2-TCE (3.02×10^{-2} g/L, path length = 10 mm).

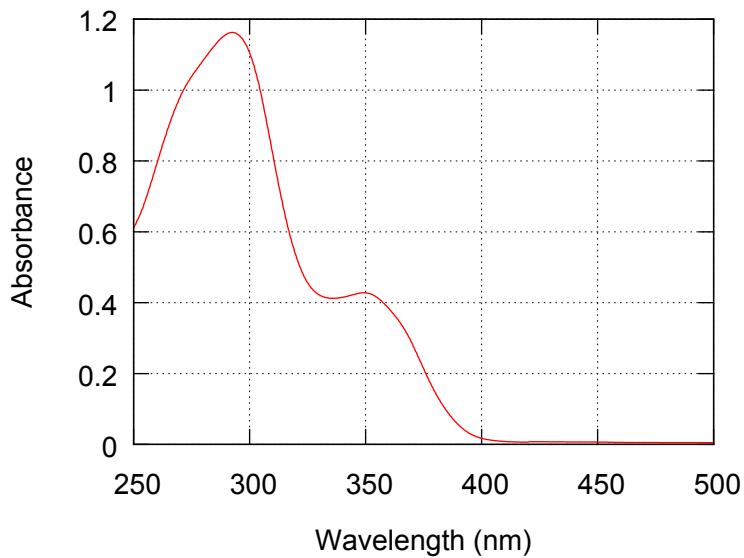


Figure S217. UV-vis absorption spectrum of **8(40)** in THF (3.02×10^{-2} g/L, path length = 10 mm).

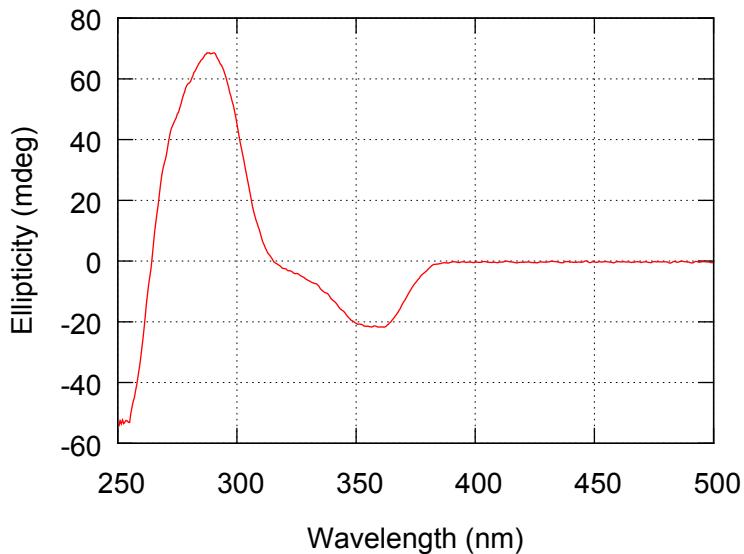


Figure S218. CD spectrum of **8(40)** in THF (3.02×10^{-2} g/L, path length = 10 mm).

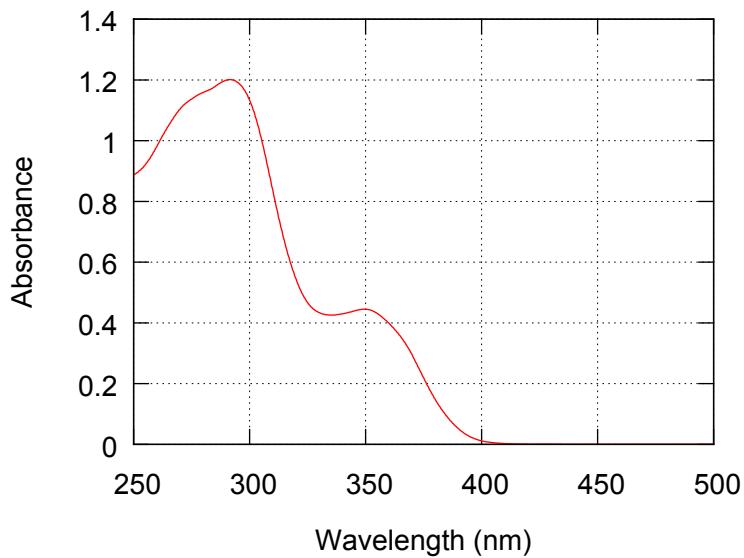


Figure S219. UV-vis absorption spectrum of **8(40)** in 1,4-Dioxane (3.02×10^{-2} g/L, path length = 10 mm).

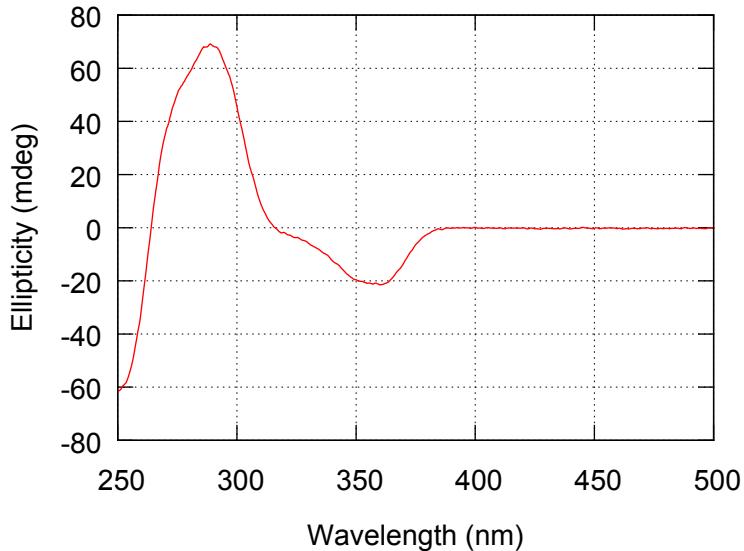


Figure S220. CD spectrum of **8(40)** in 1,4-Dioxane (3.02×10^{-2} g/L, path length = 10 mm).

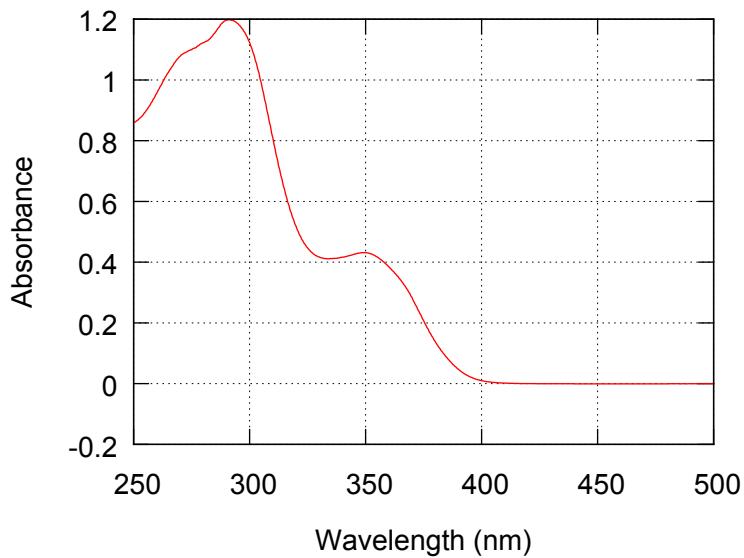


Figure S221. UV-vis absorption spectrum of **8(40)** in 2- MeTHF (3.02×10^{-2} g/L, path length = 10 mm).

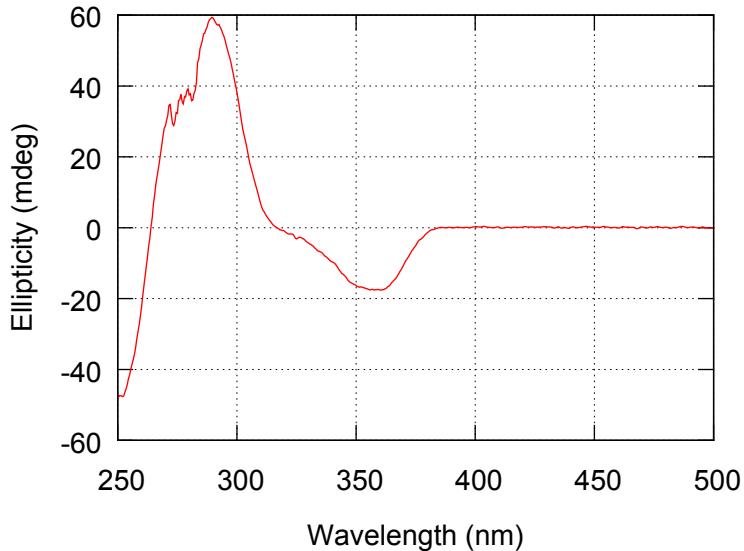


Figure S222. CD spectrum of **8(40)** in 2- MeTHF (3.02×10^{-2} g/L, path length = 10 mm).

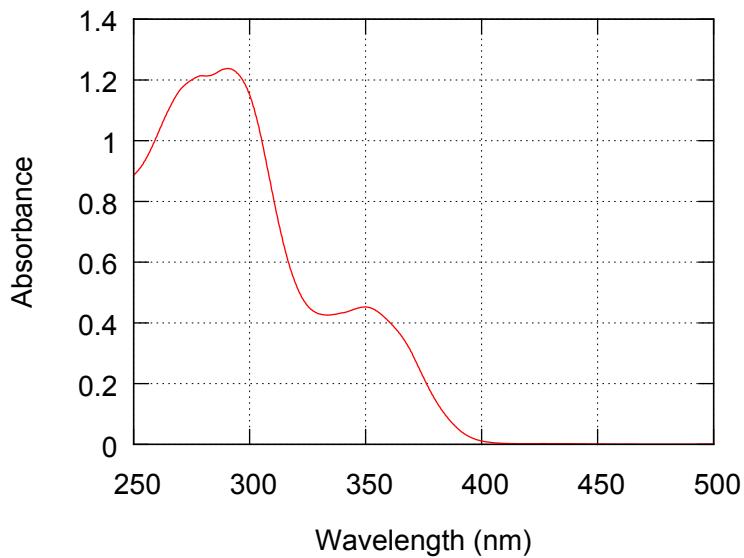


Figure S223. UV-vis absorption spectrum of **8(40)** in 1,2-DME (3.02×10^{-2} g/L, path length = 10 mm).

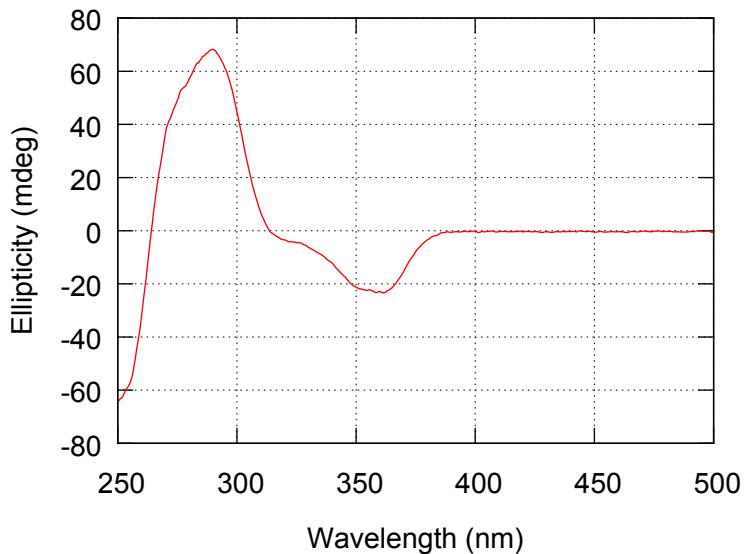


Figure S224. CD spectrum of **8(40)** in 1,2-DME (3.02×10^{-2} g/L, path length = 10 mm).

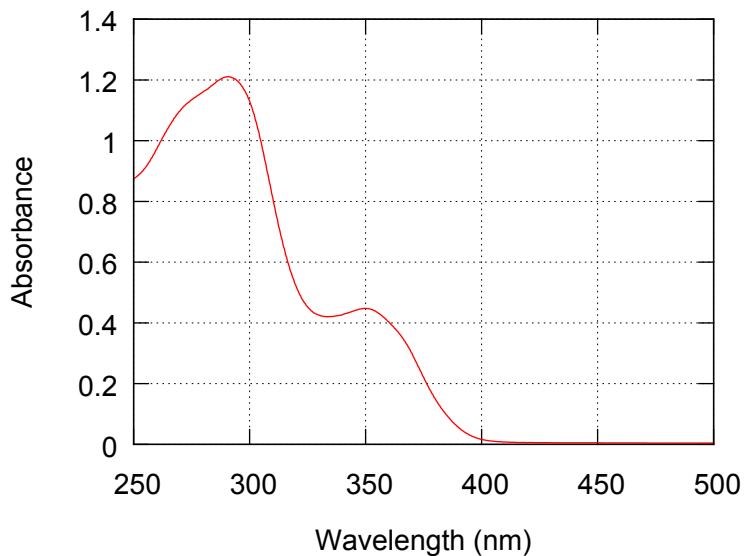


Figure S225. UV-vis absorption spectrum of **8(40)** in CPME (3.02×10^{-2} g/L, path length = 10 mm).

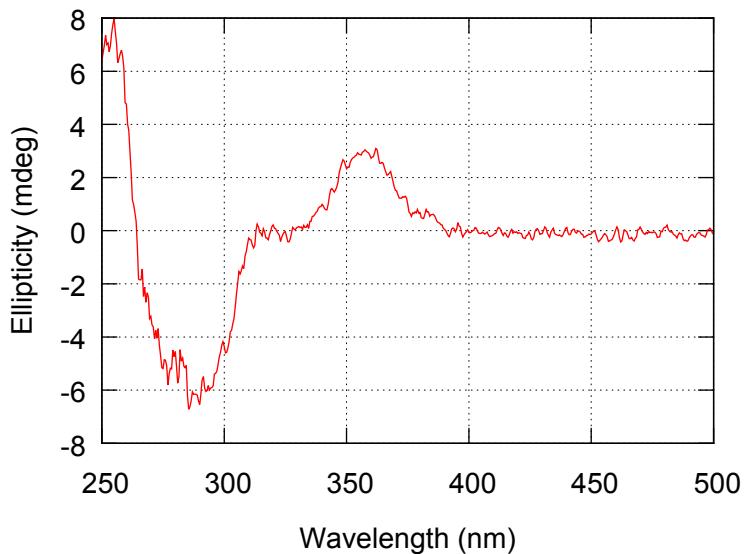


Figure S226. CD spectrum of **8(40)** in CPME (3.02×10^{-2} g/L, path length = 10 mm).

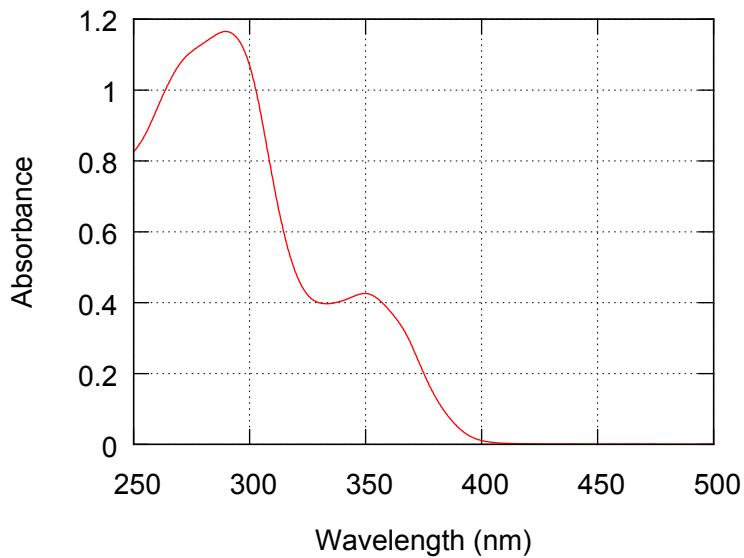


Figure S227. UV-vis absorption spectrum of **8(40)** in Et_2O (3.02×10^{-2} g/L, path length = 10 mm).

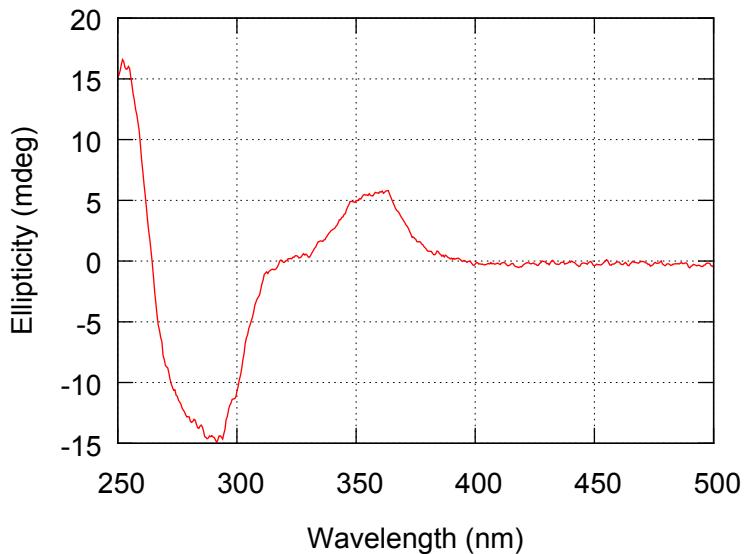


Figure S228. CD spectrum of **8(40)** in Et_2O (3.02×10^{-2} g/L, path length = 10 mm).

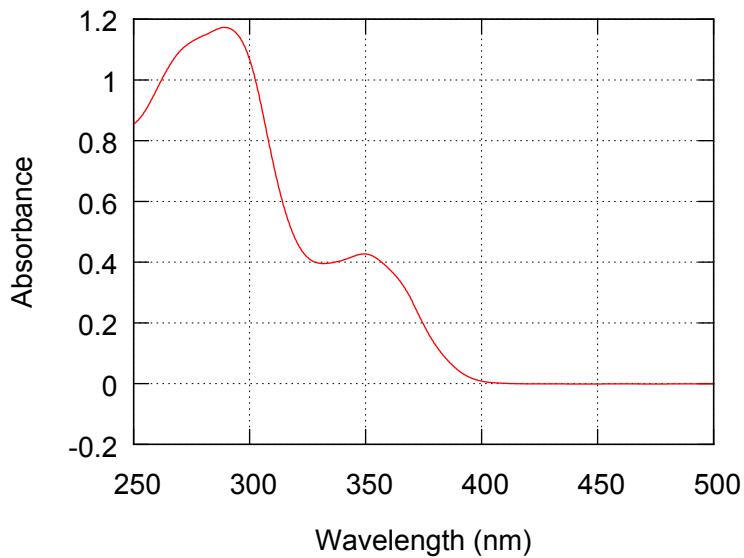


Figure S229. UV-vis absorption spectrum of **8(40)** in MTBE (3.02×10^{-2} g/L, path length = 10 mm).

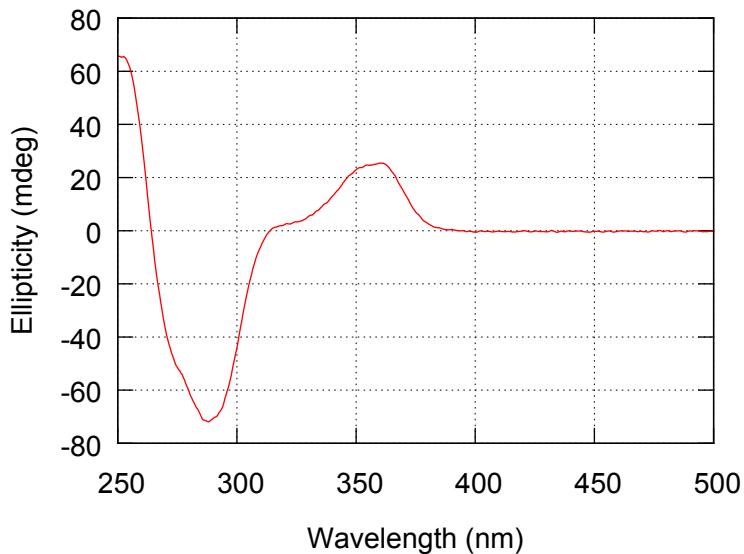


Figure S230. CD spectrum of **8(40)** in MTBE (3.02×10^{-2} g/L, path length = 10 mm).

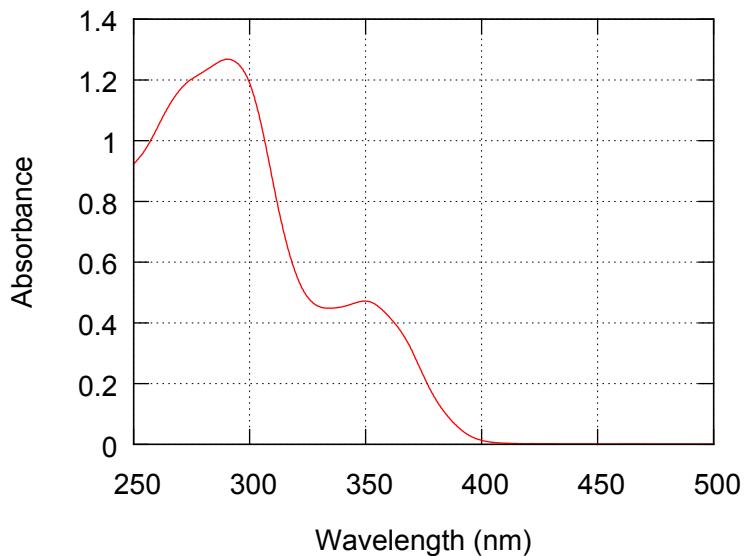


Figure S231. UV-vis absorption spectrum of **9(40)** in CHCl_3 (3.14×10^{-2} g/L, path length = 10 mm).

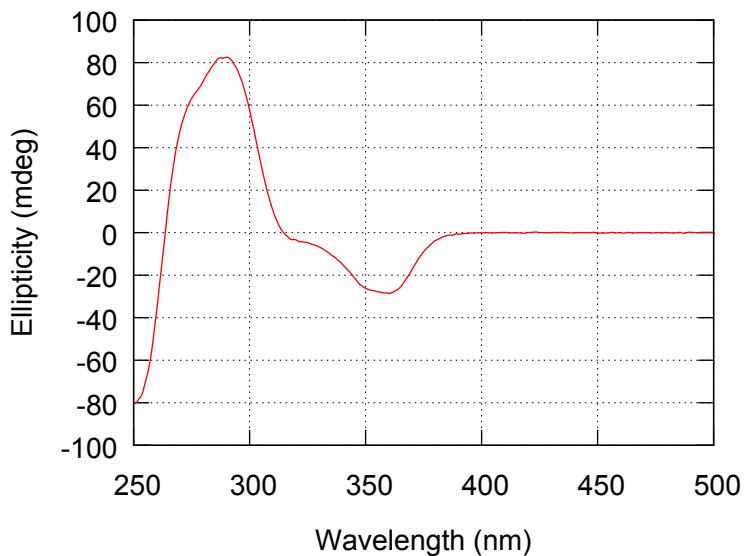


Figure S232. CD spectrum of **9(40)** in CHCl_3 (3.14×10^{-2} g/L, path length = 10 mm).

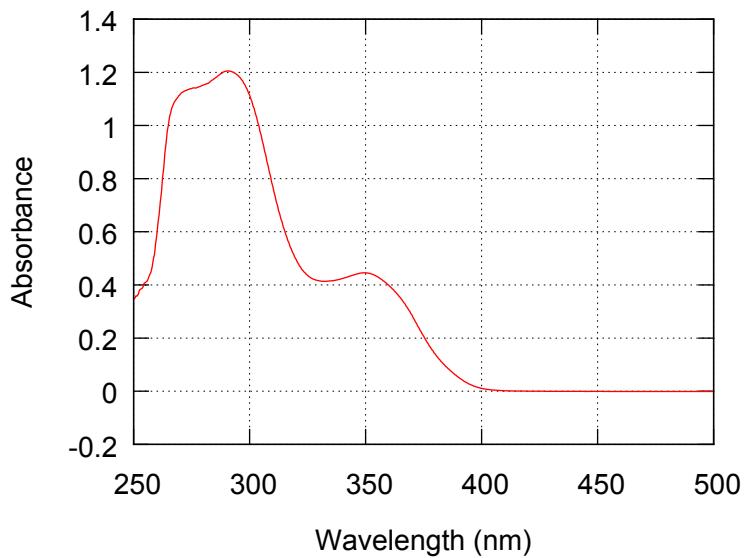


Figure S233. UV-vis absorption spectrum of **9(40)** in 1,1,2-TCE (3.14×10^{-2} g/L, path length = 10 mm).

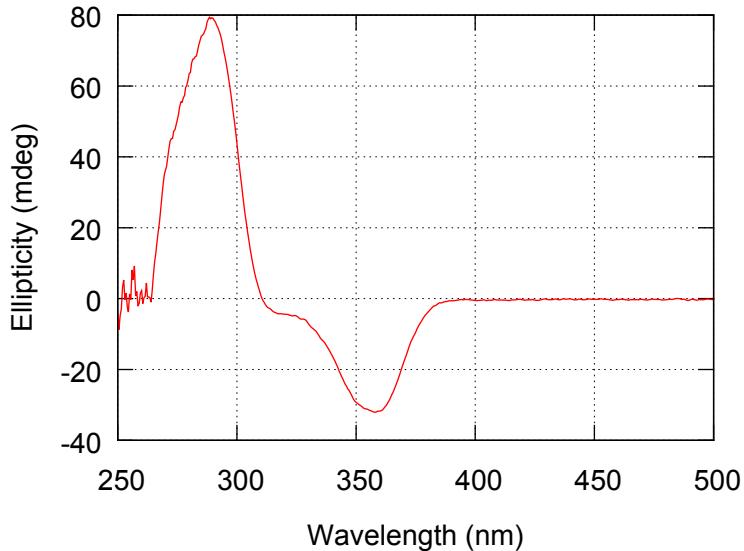


Figure S234. CD spectrum of **9(40)** in 1,1,2-TCE (3.14×10^{-2} g/L, path length = 10 mm).

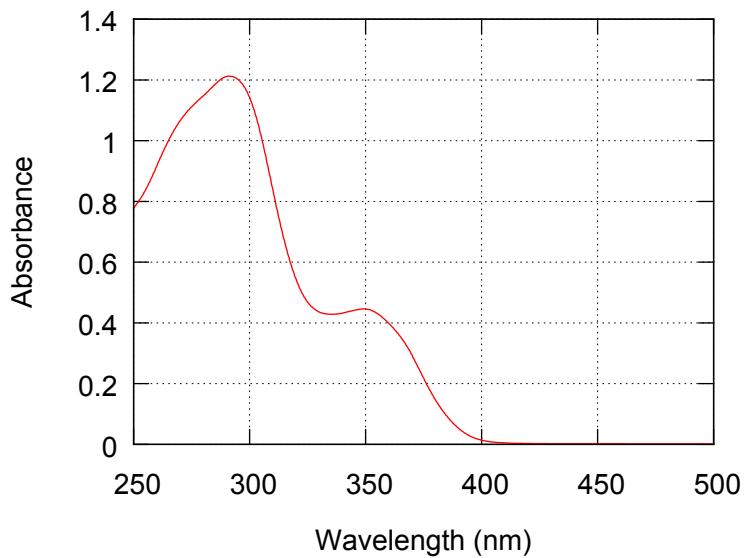


Figure S235. UV-vis absorption spectrum of **9(40)** in THF (3.14×10^{-2} g/L, path length = 10 mm).

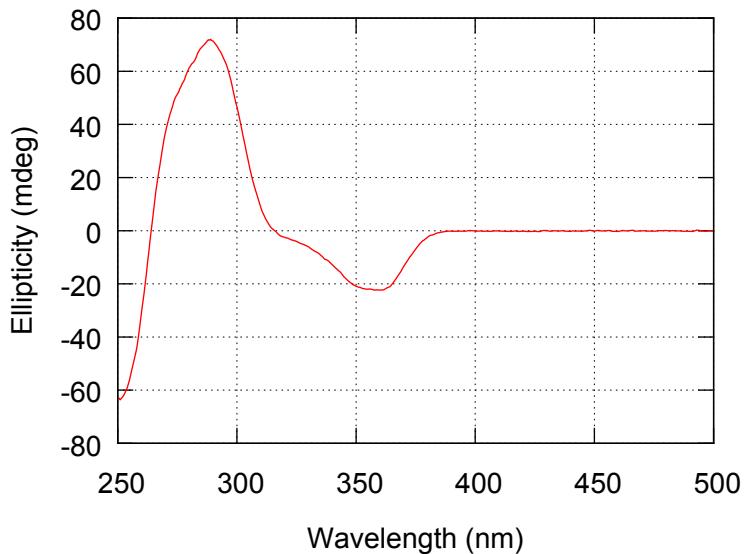


Figure S236. CD spectrum of **9(40)** in THF (3.14×10^{-2} g/L, path length = 10 mm).

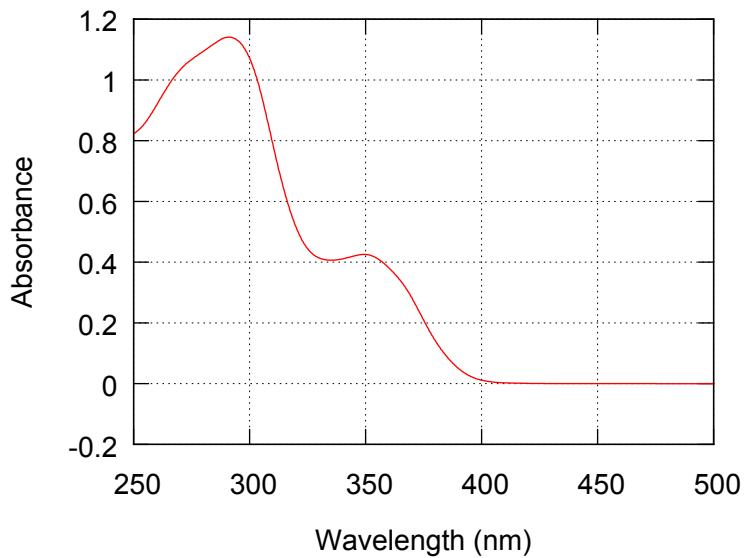


Figure S237. UV-vis absorption spectrum of **9(40)** in 1,4-Dioxane (3.14×10^{-2} g/L, path length = 10 mm).

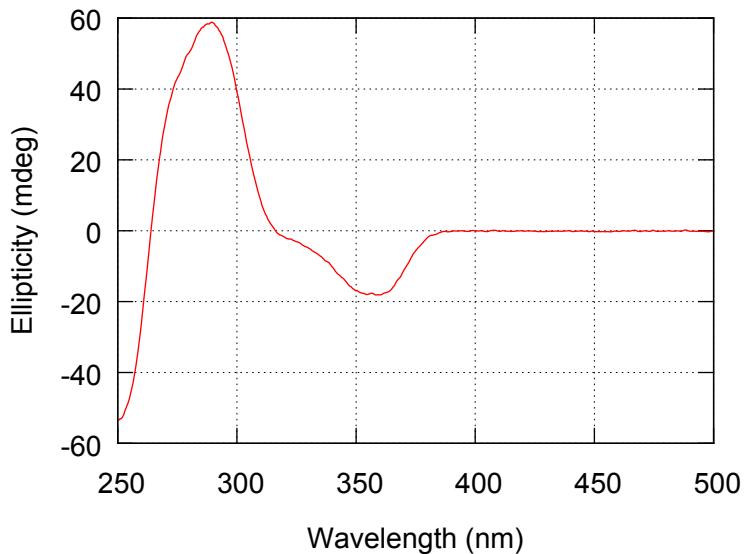


Figure S238. CD spectrum of **9(40)** in 1,4-Dioxane (3.14×10^{-2} g/L, path length = 10 mm).

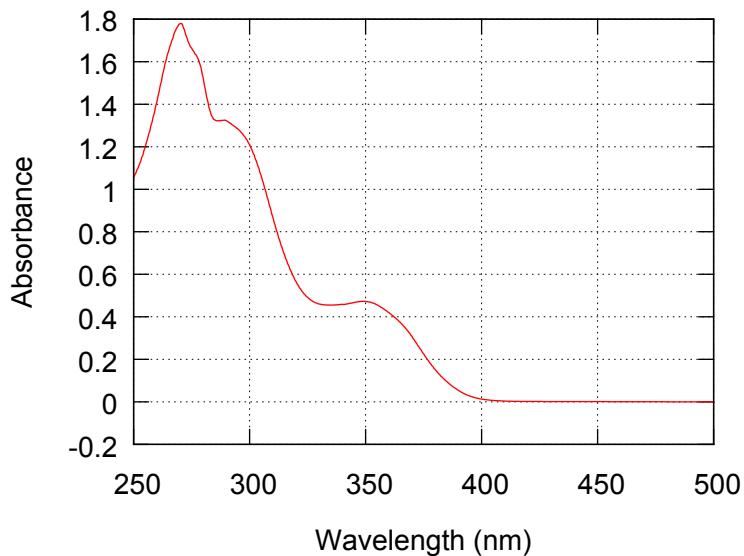


Figure S239. UV-vis absorption spectrum of **9(40)** in 2- MeTHF (3.14×10^{-2} g/L, path length = 10 mm).

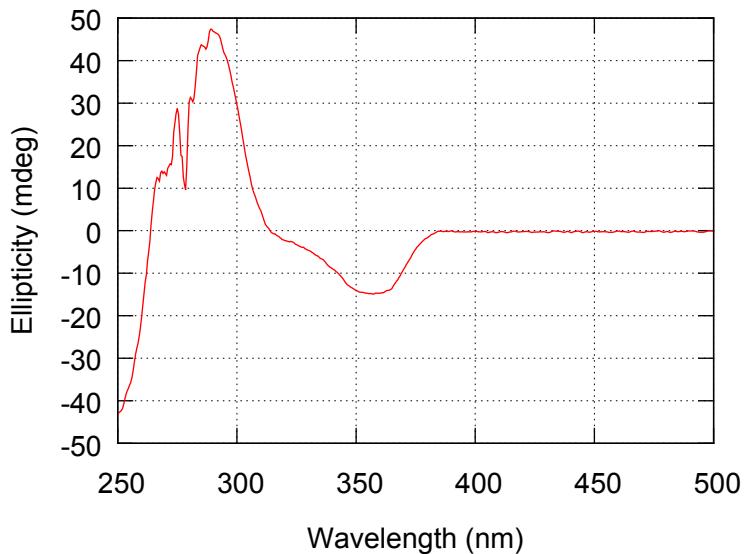


Figure S240. CD spectrum of **9(40)** in 2- MeTHF (3.14×10^{-2} g/L, path length = 10 mm).

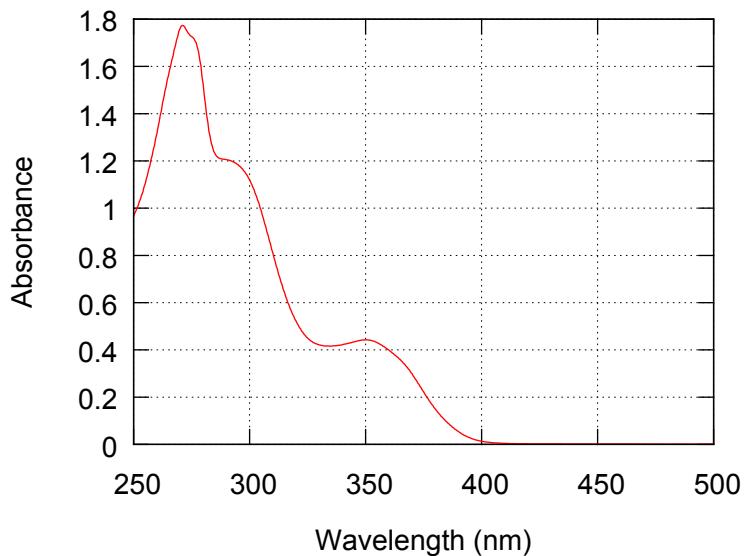


Figure S241. UV-vis absorption spectrum of **9(40)** in 1,2-DME (3.14×10^{-2} g/L, path length = 10 mm).

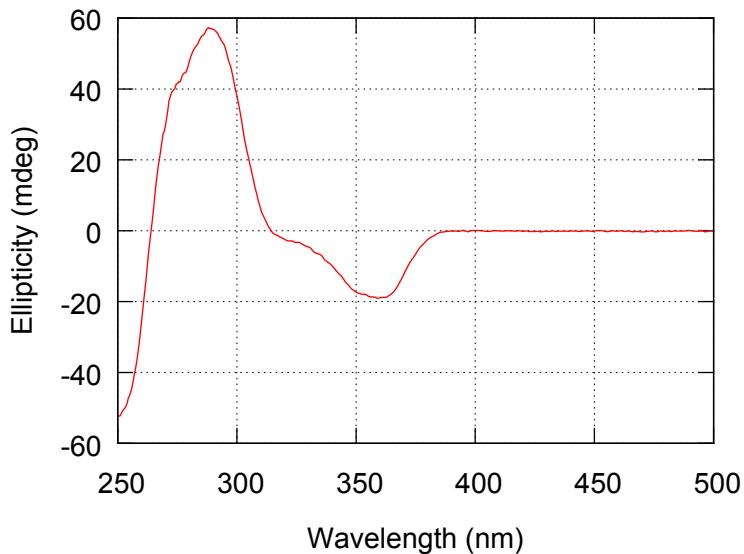


Figure S242. CD spectrum of **9(40)** in 1,2-DME (3.14×10^{-2} g/L, path length = 10 mm).

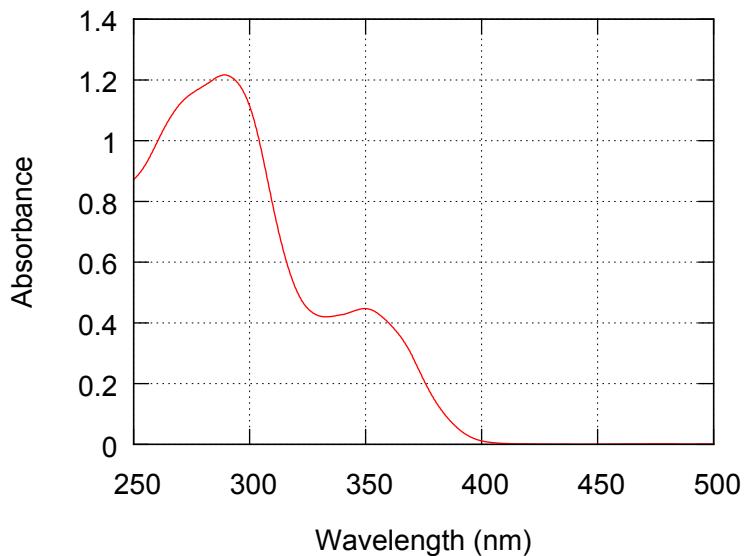


Figure S243. UV-vis absorption spectrum of **9(40)** in CPME (3.14×10^{-2} g/L, path length = 10 mm).

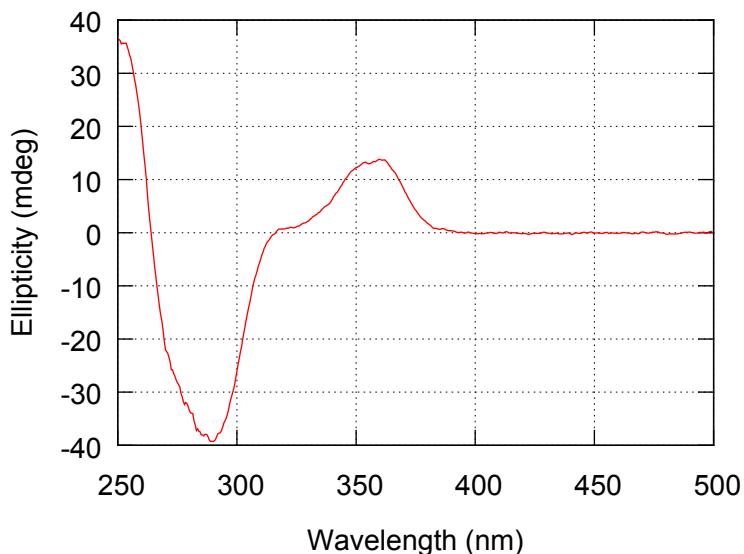


Figure S244. CD spectrum of **9(40)** in CPME (3.14×10^{-2} g/L, path length = 10 mm).

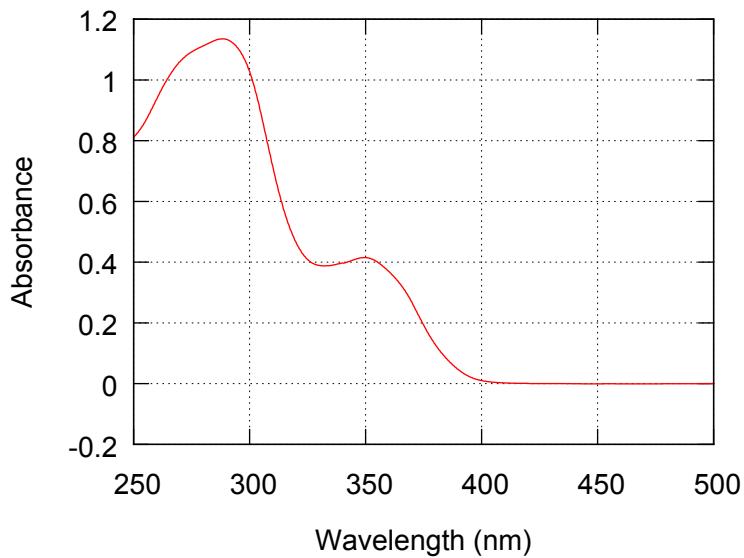


Figure S245. UV-vis absorption spectrum of **9(40)** in Et_2O (3.14×10^{-2} g/L, path length = 10 mm).

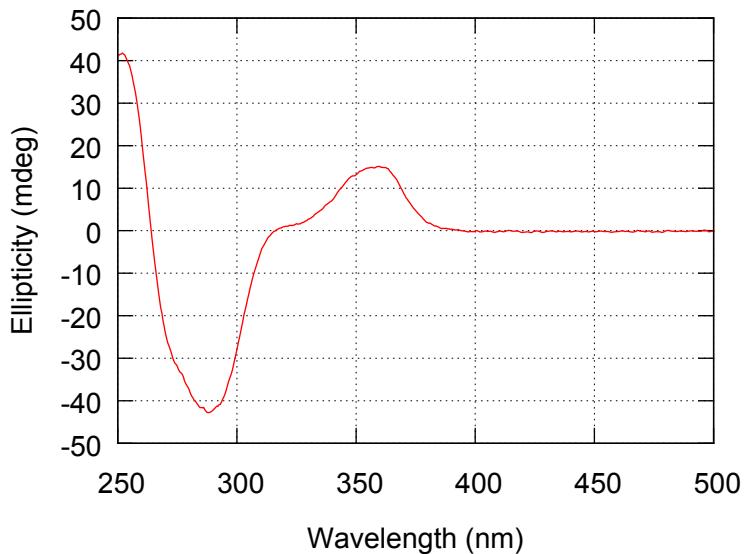


Figure S246. CD spectrum of **9(40)** in Et_2O (3.14×10^{-2} g/L, path length = 10 mm).

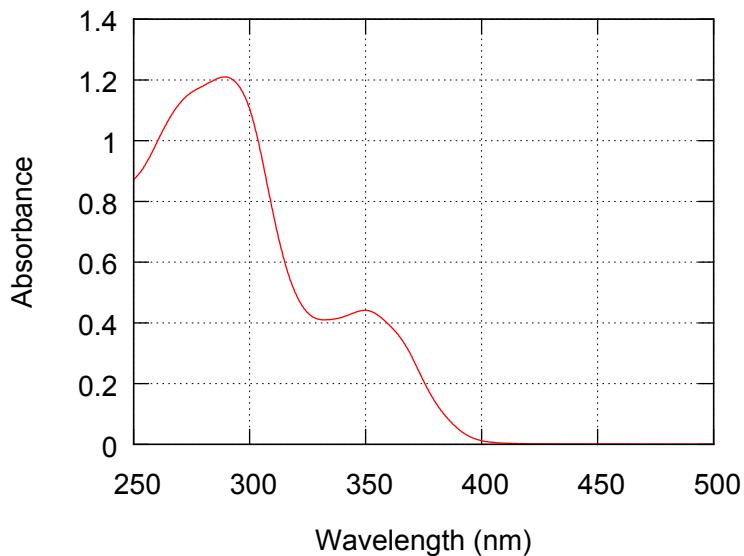


Figure S247. UV-vis absorption spectrum of **9(40)** in MTBE (3.14×10^{-2} g/L, path length = 10 mm).

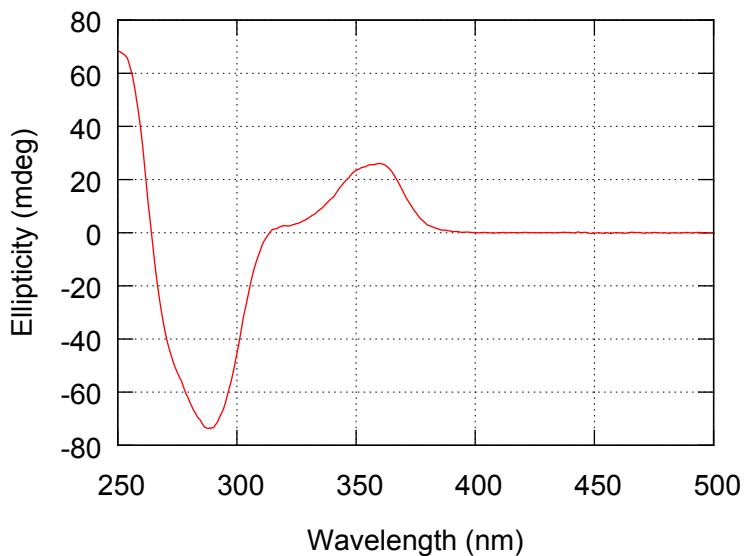


Figure S248. CD spectrum of **9(40)** in MTBE (3.14×10^{-2} g/L, path length = 10 mm).

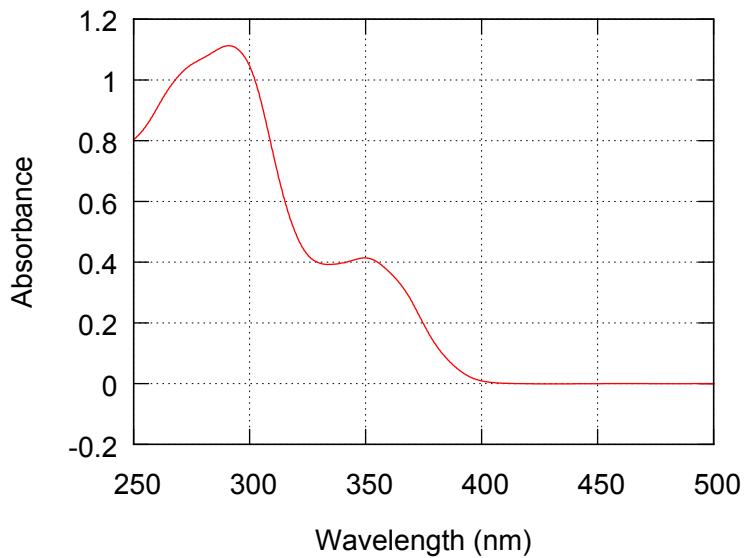


Figure S249. UV-vis absorption spectrum of **10(40)** in CHCl_3 (2.68×10^{-2} g/L, path length = 10 mm).

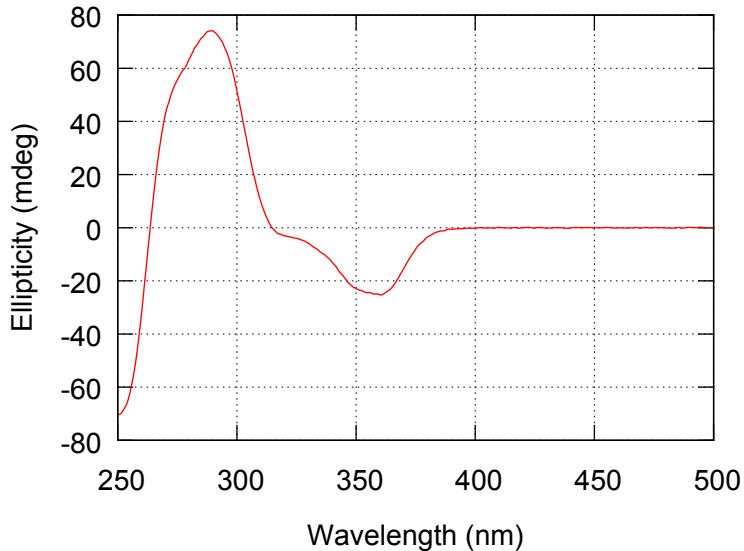


Figure S250. CD spectrum of **10(40)** in CHCl_3 (2.68×10^{-2} g/L, path length = 10 mm).

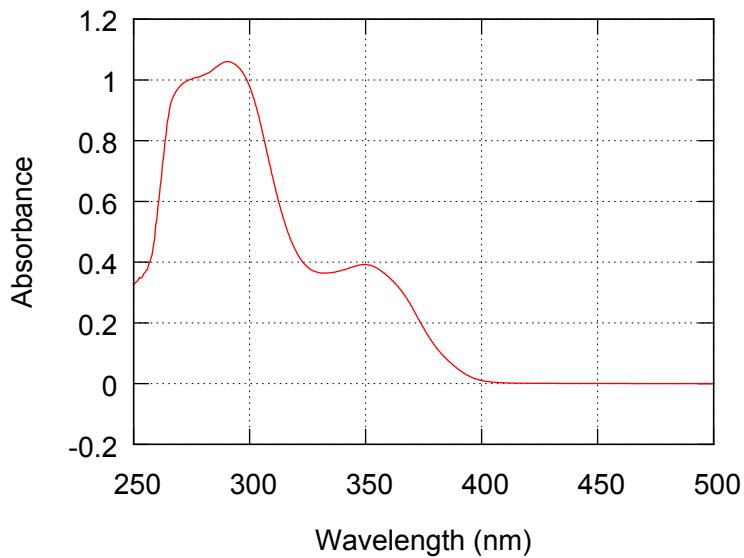


Figure S251. UV-vis absorption spectrum of **10(40)** in 1,1,2-TCE (2.68×10^{-2} g/L, path length = 10 mm).

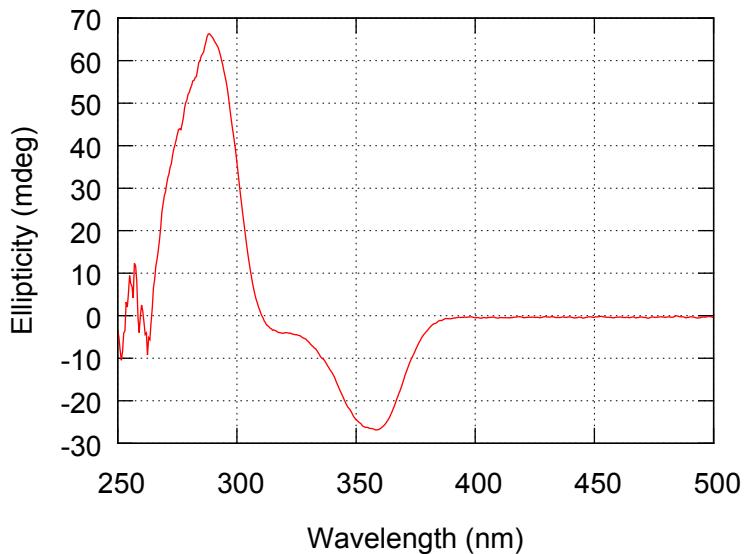


Figure S252. CD spectrum of **10(40)** in 1,1,2-TCE (2.68×10^{-2} g/L, path length = 10 mm).

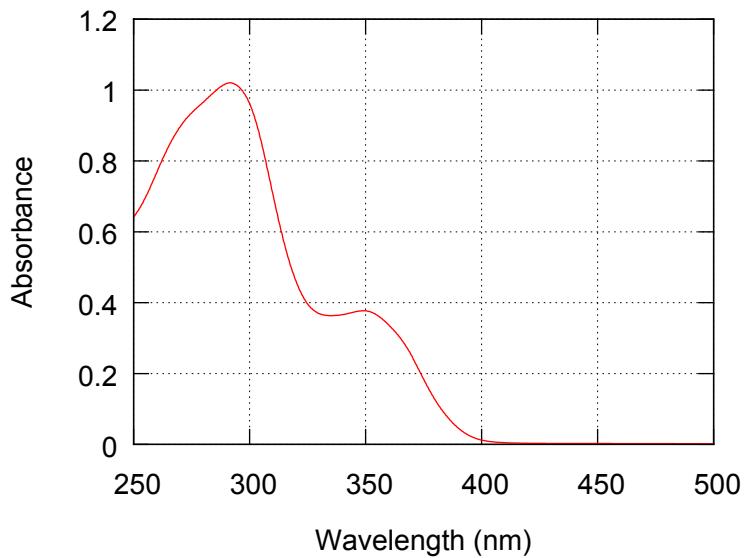


Figure S253. UV-vis absorption spectrum of **10(40)** in THF (2.68×10^{-2} g/L, path length = 10 mm).

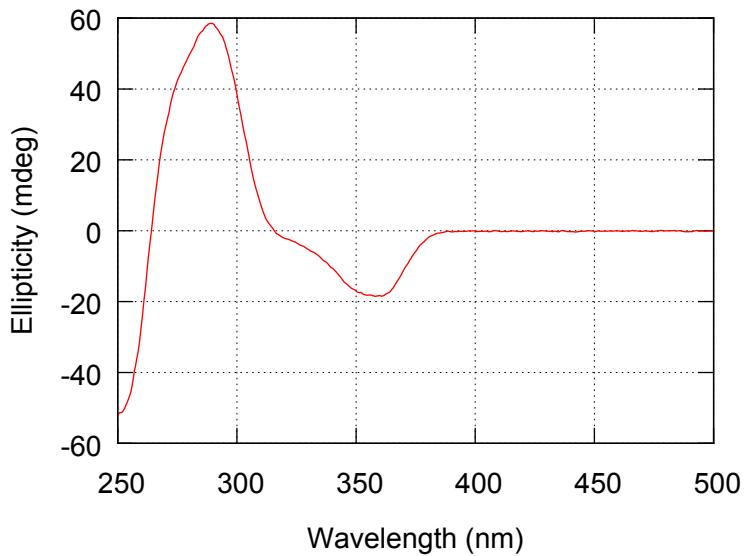


Figure S254. CD spectrum of **10(40)** in THF (2.68×10^{-2} g/L, path length = 10 mm).

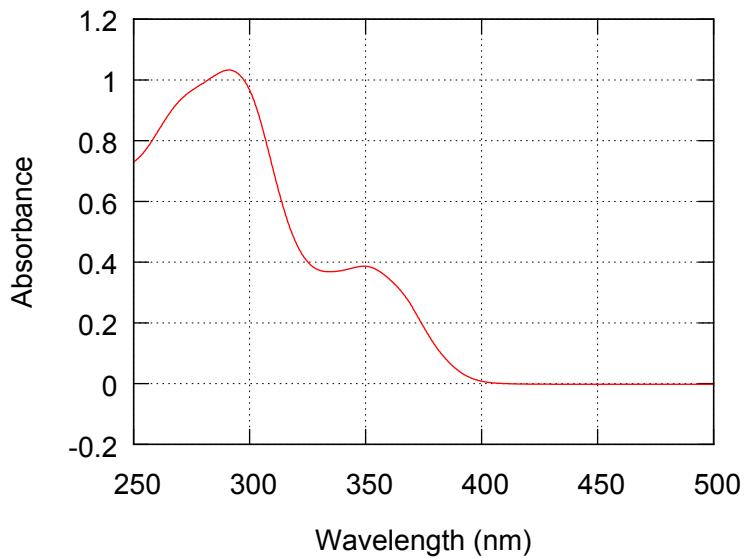


Figure S255. UV-vis absorption spectrum of **10(40)** in 1,4-Dioxane (2.68×10^{-2} g/L, path length = 10 mm).

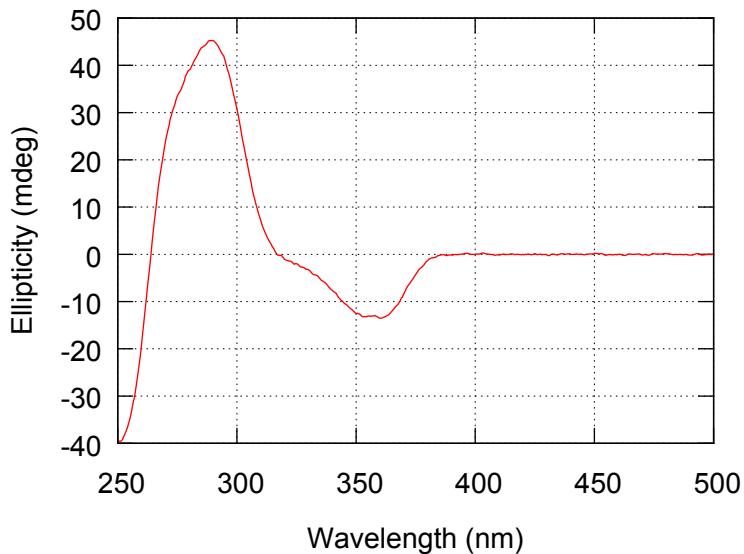


Figure S256. CD spectrum of **10(40)** in 1,4-Dioxane (2.68×10^{-2} g/L, path length = 10 mm).

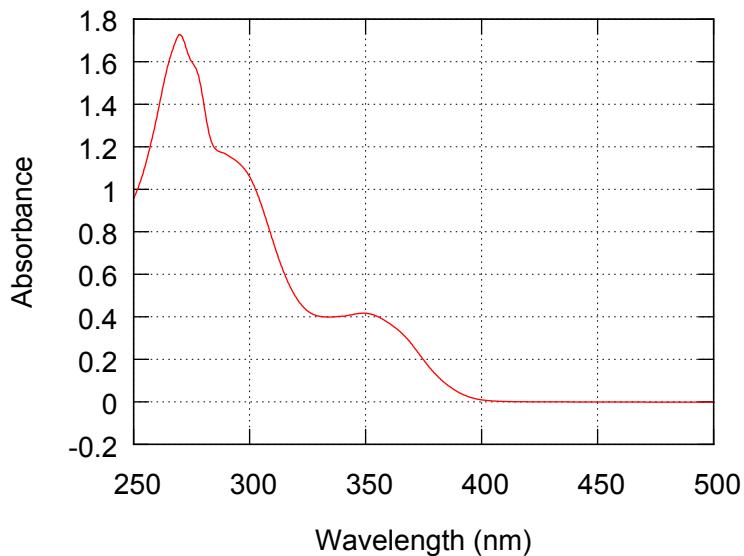


Figure S257. UV-vis absorption spectrum of **10(40)** in 2-MeTHF (2.68×10^{-2} g/L, path length = 10 mm).

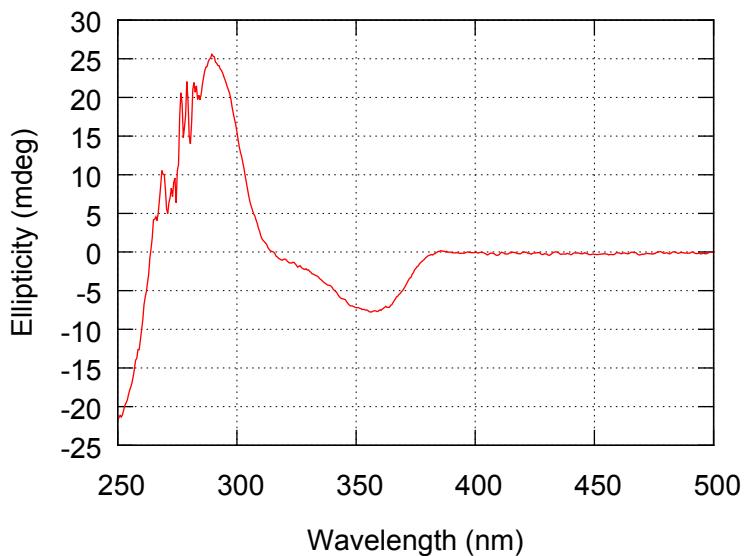


Figure S258. CD spectrum of **10(40)** in 2-MeTHF (2.68×10^{-2} g/L, path length = 10 mm).

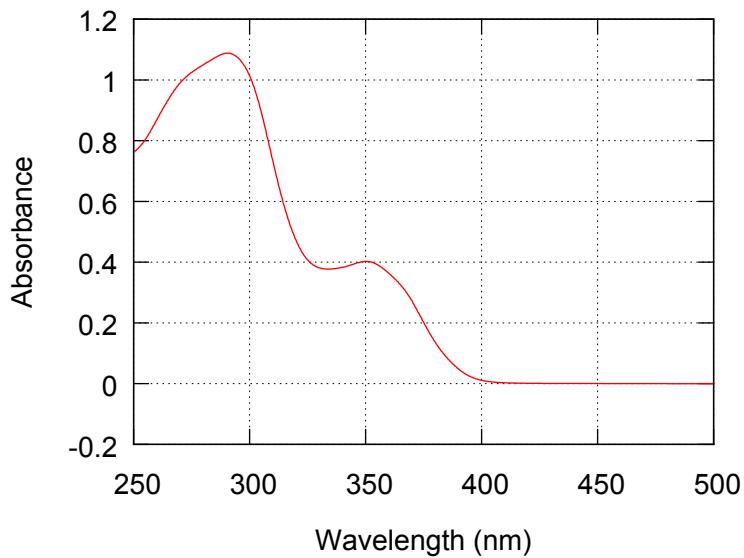


Figure S259. UV-vis absorption spectrum of **10(40)** in 1,2-DME (2.68×10^{-2} g/L, path length = 10 mm).

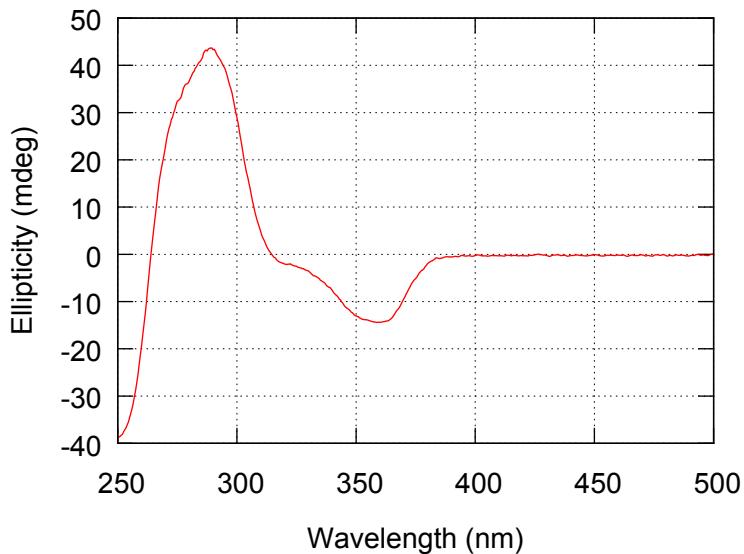


Figure S260. CD spectrum of **10(40)** in 1,2-DME (2.68×10^{-2} g/L, path length = 10 mm).

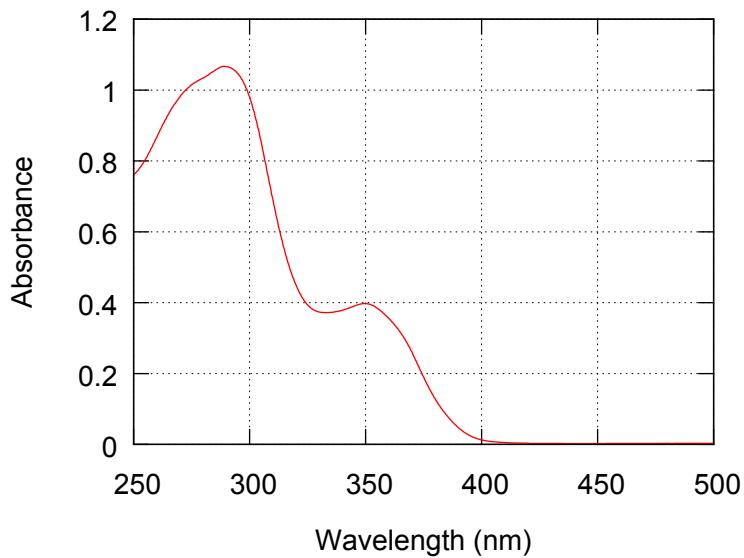


Figure S261. UV-vis absorption spectrum of **10(40)** in CPME (2.68×10^{-2} g/L, path length = 10 mm).

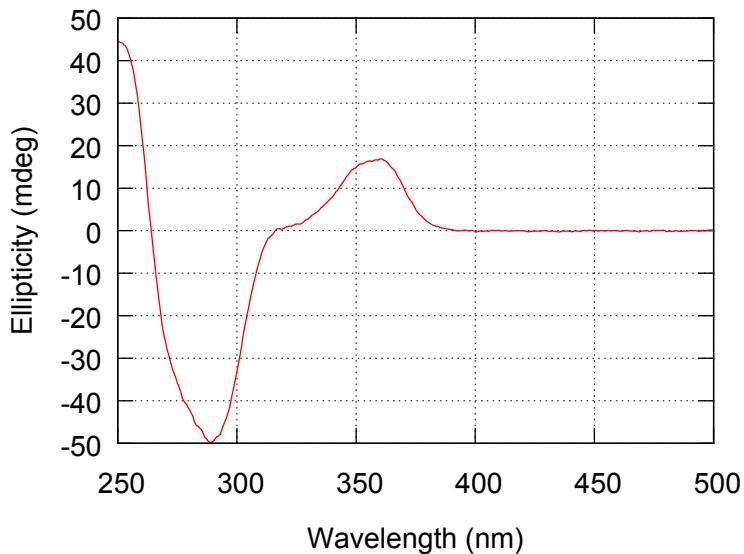


Figure S262. CD spectrum of **10(40)** in CPME (2.68×10^{-2} g/L, path length = 10 mm).

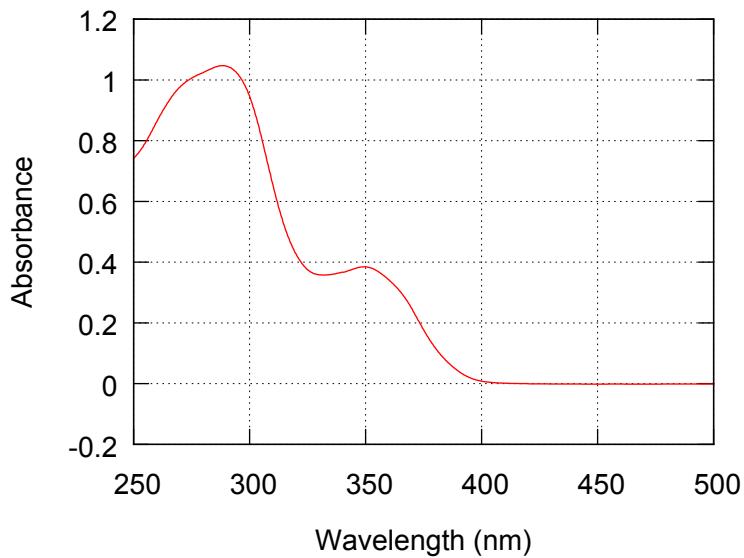


Figure S263. UV-vis absorption spectrum of **10(40)** in Et_2O (2.68×10^{-2} g/L, path length = 10 mm).

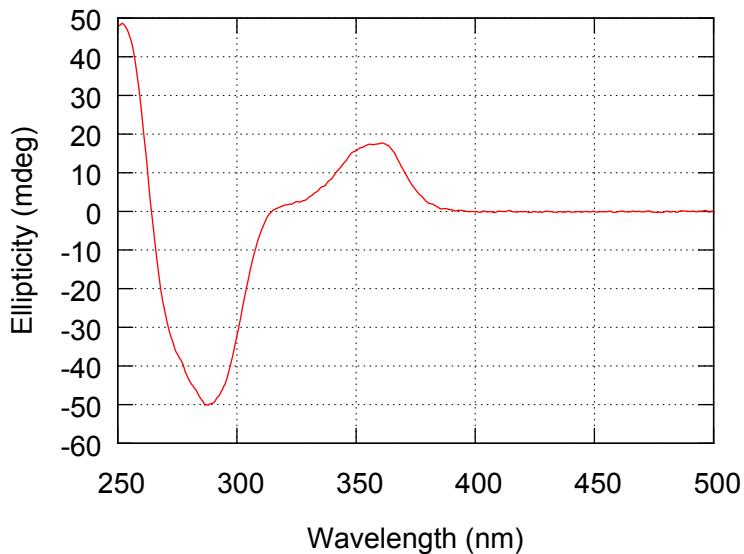


Figure S264. CD spectrum of **10(40)** in Et_2O (2.68×10^{-2} g/L, path length = 10 mm).

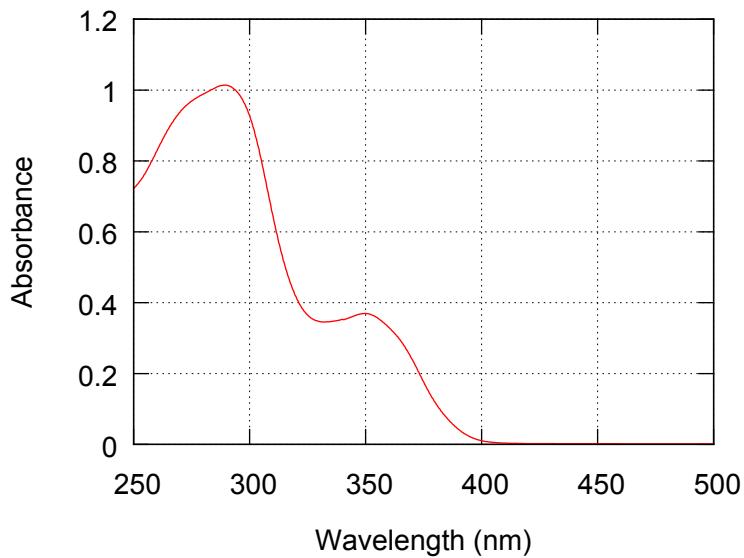


Figure S265. UV-vis absorption spectrum of **10(40)** in MTBE (2.68×10^{-2} g/L, path length = 10 mm).

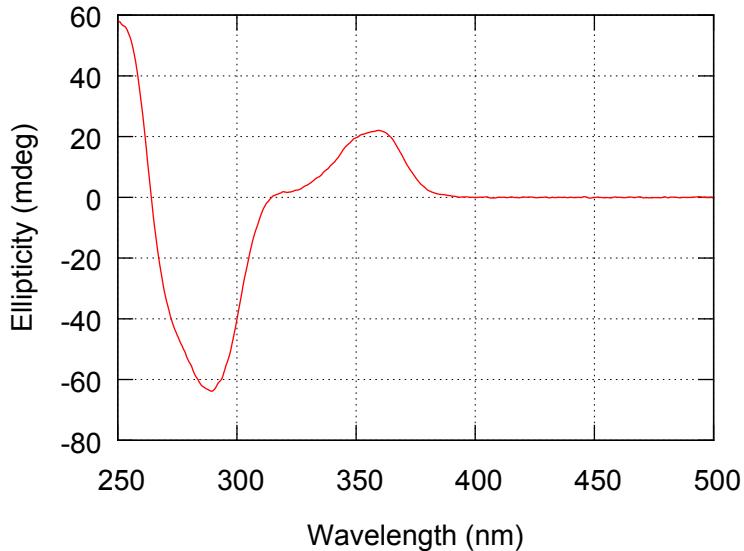


Figure S266. CD spectrum of **10(40)** in MTBE (2.68×10^{-2} g/L, path length = 10 mm).

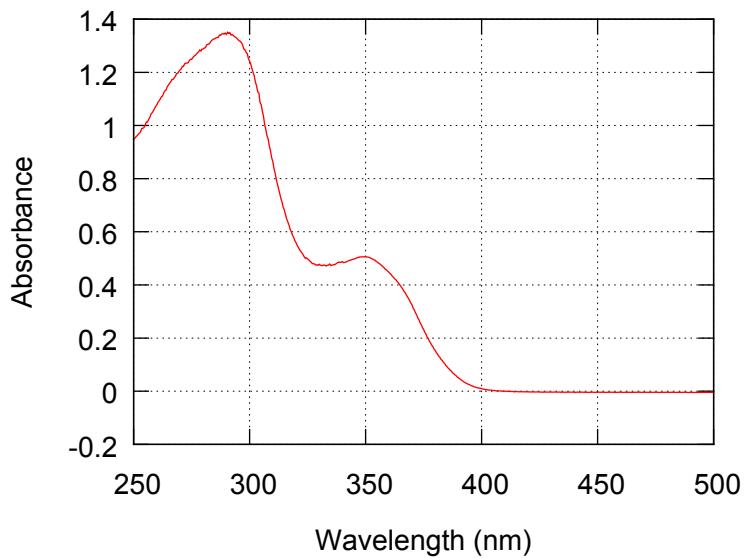


Figure S267. UV-vis absorption spectrum of **5(20)** in MTBE (3.34×10^{-2} g/L, path length = 10 mm).

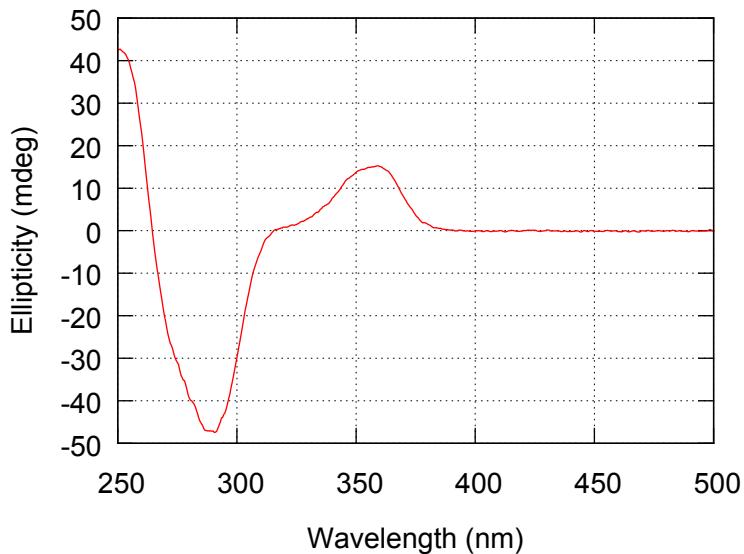


Figure S268. CD spectrum of **5(20)** in MTBE (3.34×10^{-2} g/L, path length = 10 mm).

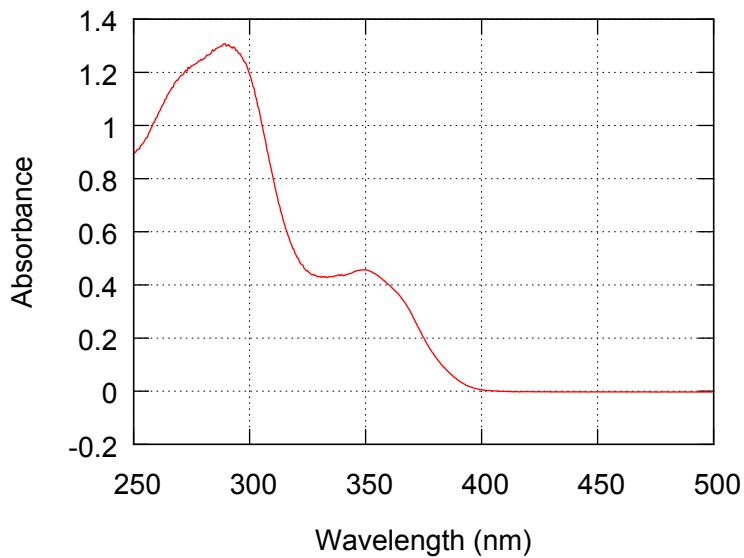


Figure S269. UV-vis absorption spectrum of **5(60)** in MTBE (2.99×10^{-2} g/L, path length = 10 mm).

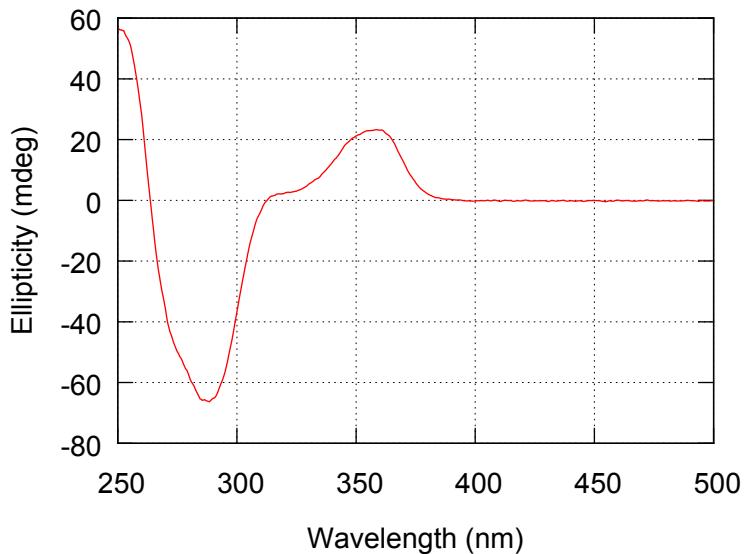


Figure S270. CD spectrum of **5(60)** in MTBE (2.99×10^{-2} g/L, path length = 10 mm).

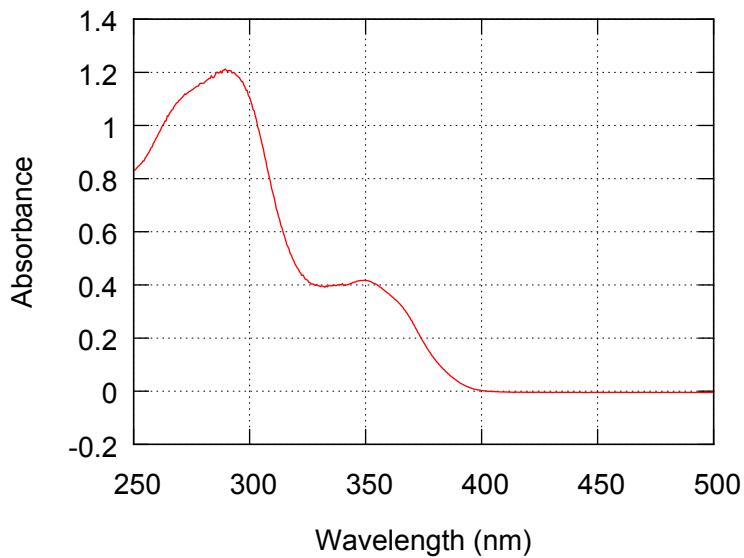


Figure S271. UV-vis absorption spectrum of **5(80)** in MTBE (2.86×10^{-2} g/L, path length = 10 mm).

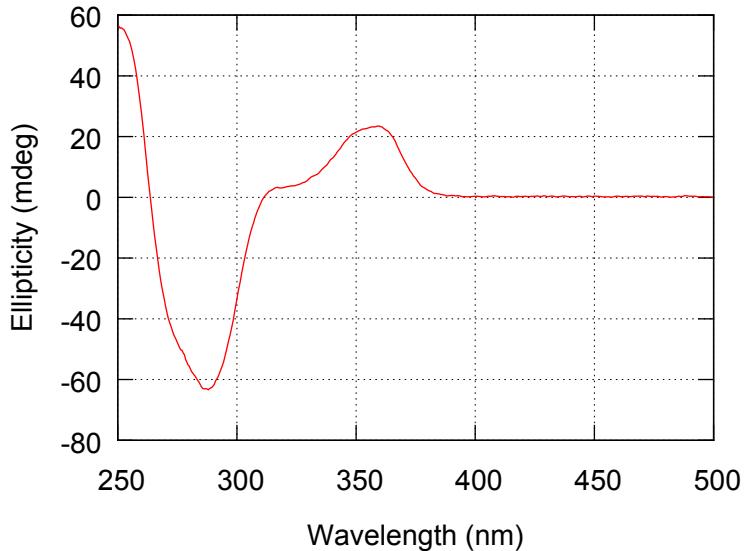


Figure S272. CD spectrum of **5(80)** in MTBE (2.86×10^{-2} g/L, path length = 10 mm).

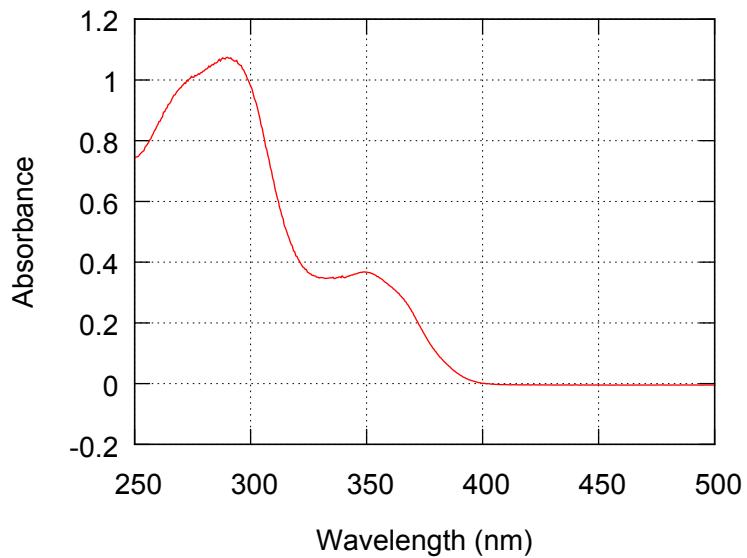


Figure S273. UV-vis absorption spectrum of **5(100)** in MTBE (2.38×10^{-2} g/L, path length = 10 mm).

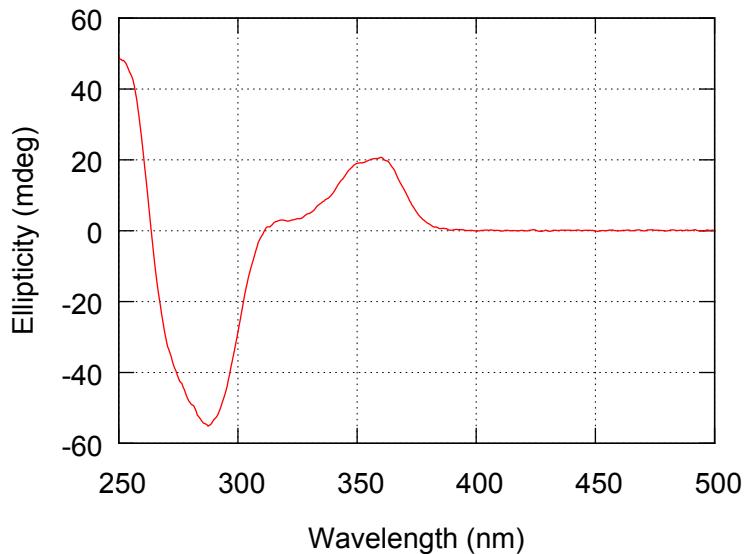


Figure S274. CD spectrum of **5(100)** in MTBE (2.38×10^{-2} g/L, path length = 10 mm).

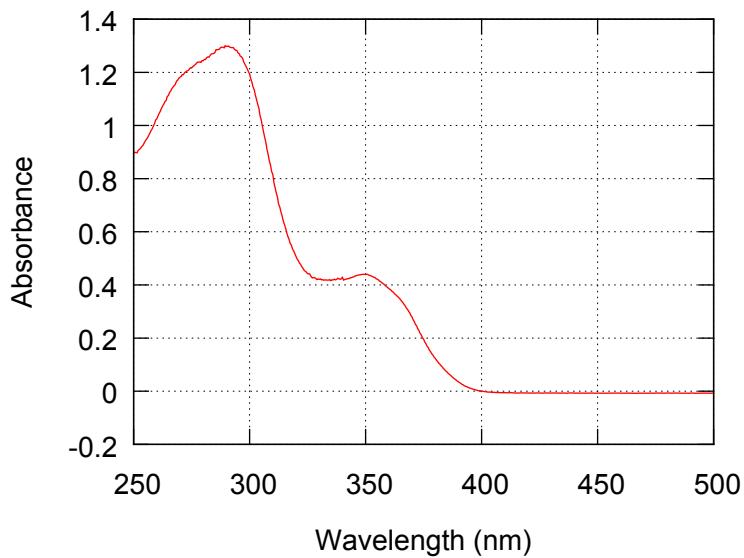


Figure S275. UV-vis absorption spectrum of **5(150)** in MTBE (3.33×10^{-2} g/L, path length = 10 mm).

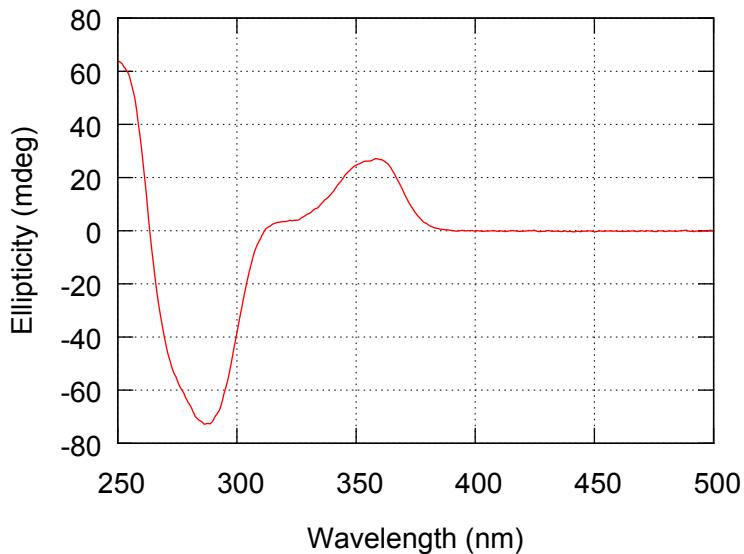


Figure S276. CD spectrum of **5(150)** in MTBE (3.33×10^{-2} g/L, path length = 10 mm).

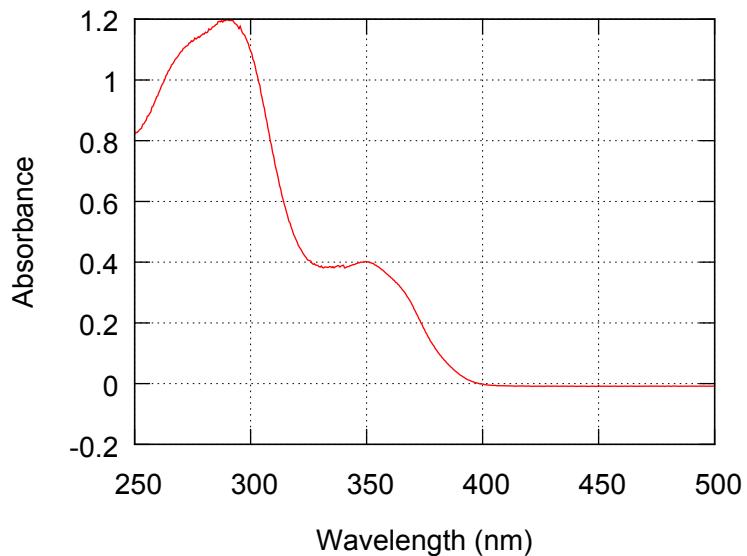


Figure S277. UV-vis absorption spectrum of **5(200)** in MTBE (3.68×10^{-2} g/L, path length = 10 mm).

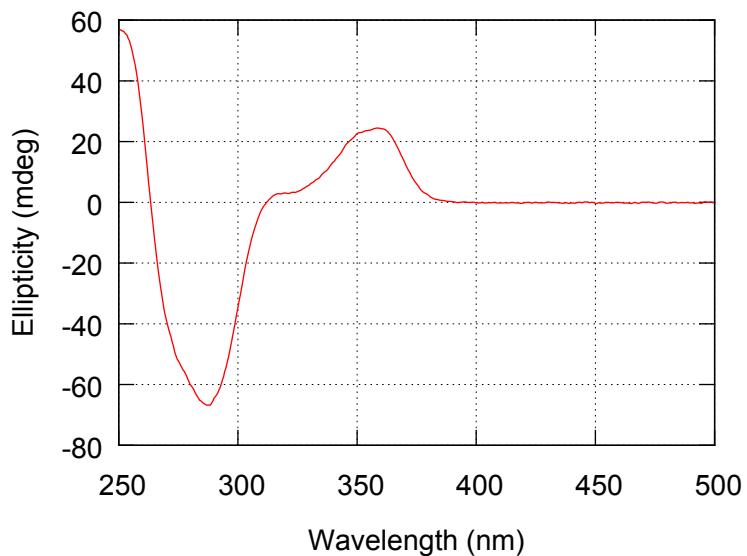


Figure S278. CD spectrum of **5(200)** in MTBE (3.68×10^{-2} g/L, path length = 10 mm).

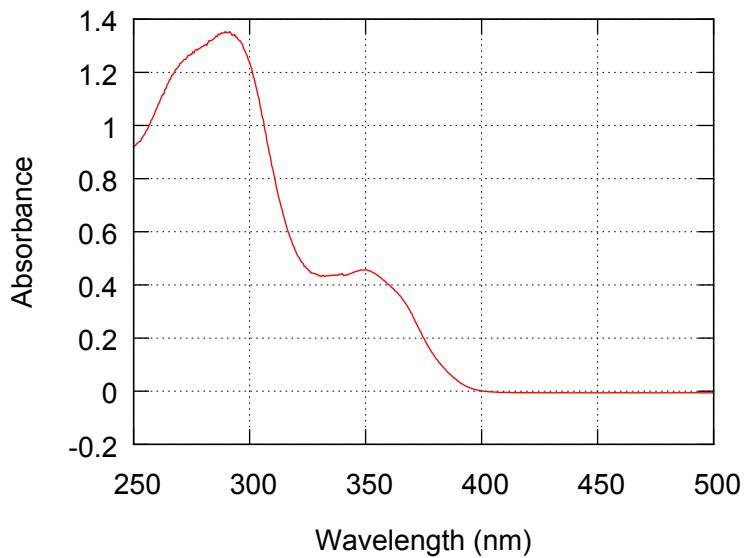


Figure S279. UV-vis absorption spectrum of **5(300)** in MTBE (3.09×10^{-2} g/L, path length = 10 mm).

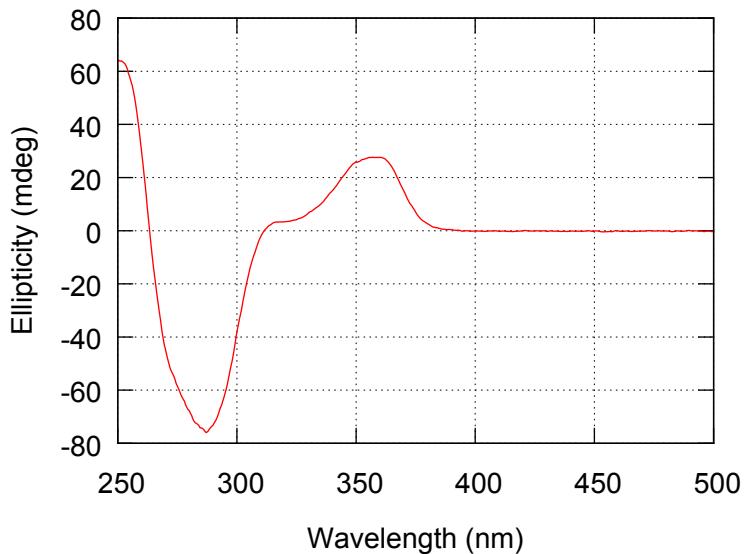


Figure S280. CD spectrum of **5(300)** in MTBE (3.09×10^{-2} g/L, path length = 10 mm).

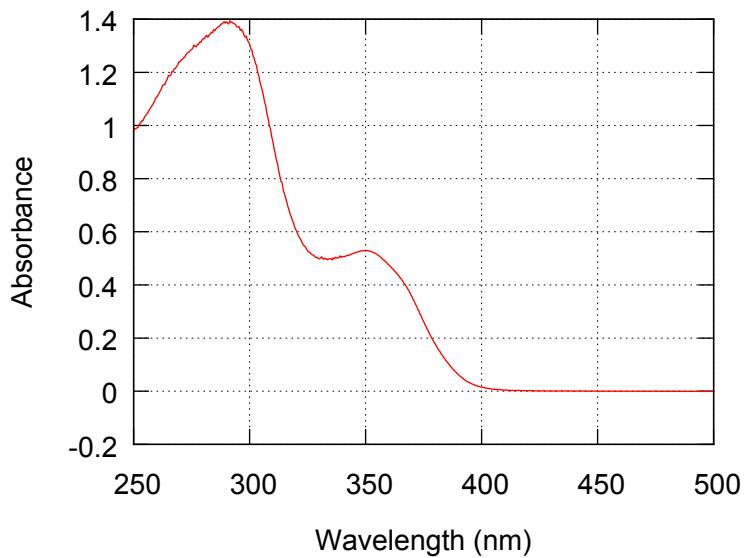


Figure S281. UV-vis absorption spectrum of **5(20)** in 1,2-DME (3.34×10^{-2} g/L, path length = 10 mm).

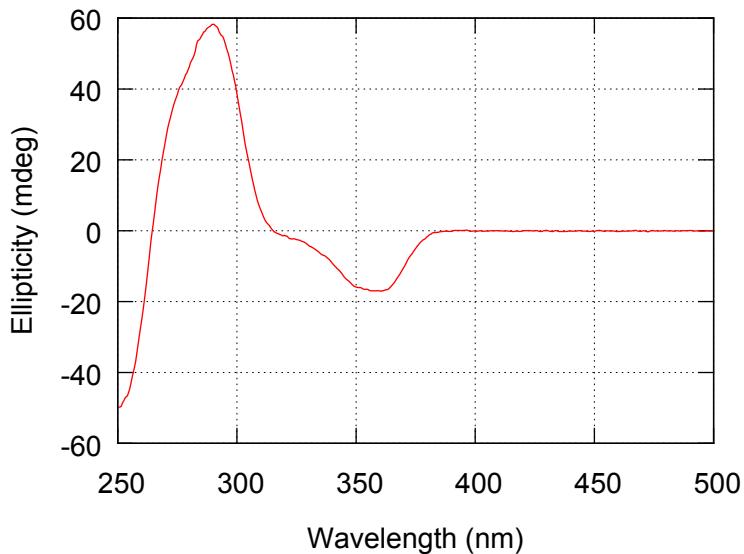


Figure S282. CD spectrum of **5(20)** in 1,2-DME (3.34×10^{-2} g/L, path length = 10 mm).

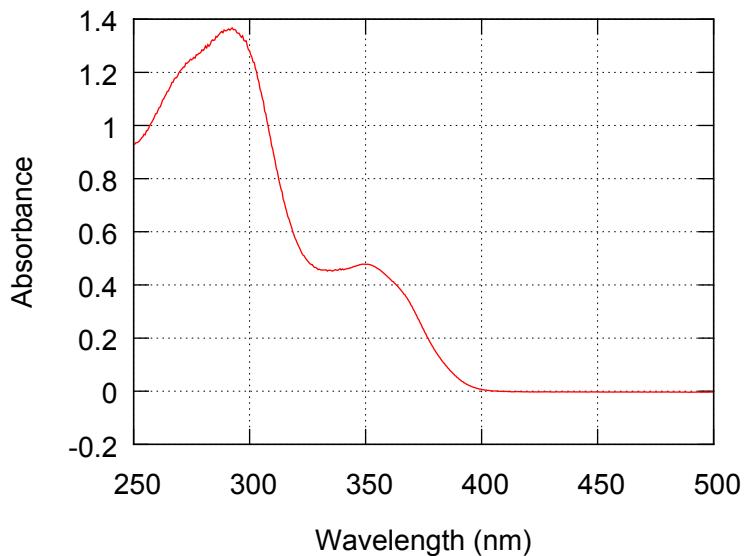


Figure S283. UV-vis absorption spectrum of **5(60)** in 1,2-DME (2.99×10^{-2} g/L, path length = 10 mm).

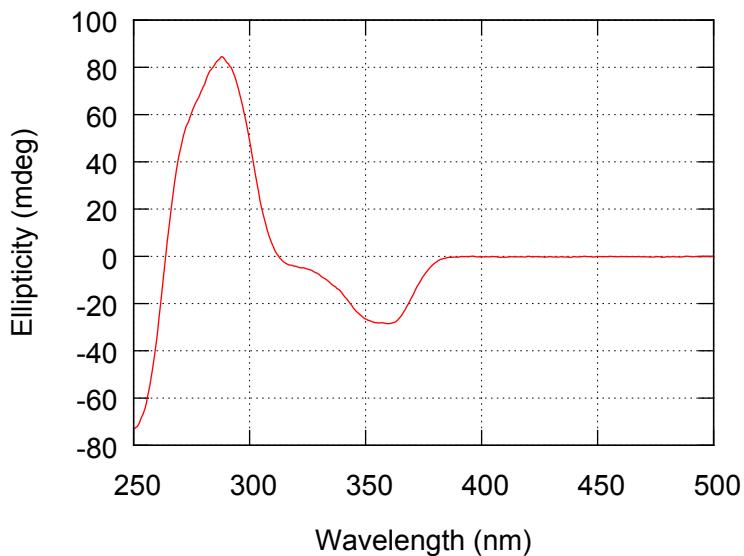


Figure S284. CD spectrum of **5(60)** in 1,2-DME (2.99×10^{-2} g/L, path length = 10 mm).

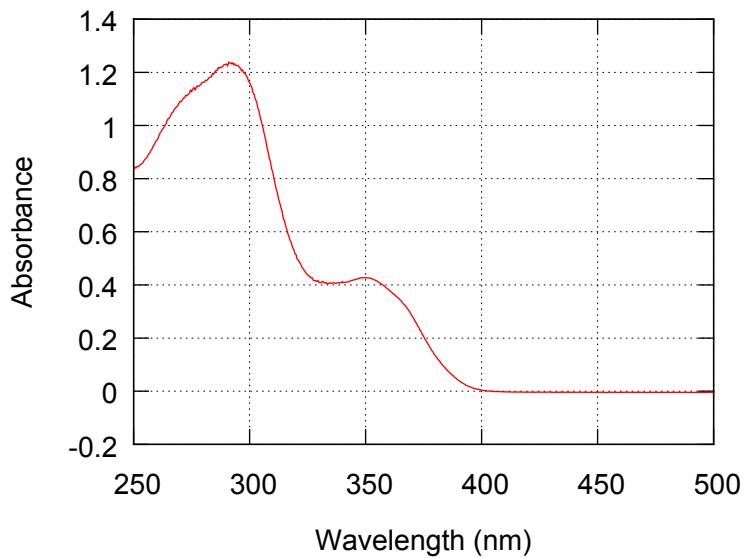


Figure S285. UV-vis absorption spectrum of **5(80)** in 1,2-DME (2.86×10^{-2} g/L, path length = 10 mm).

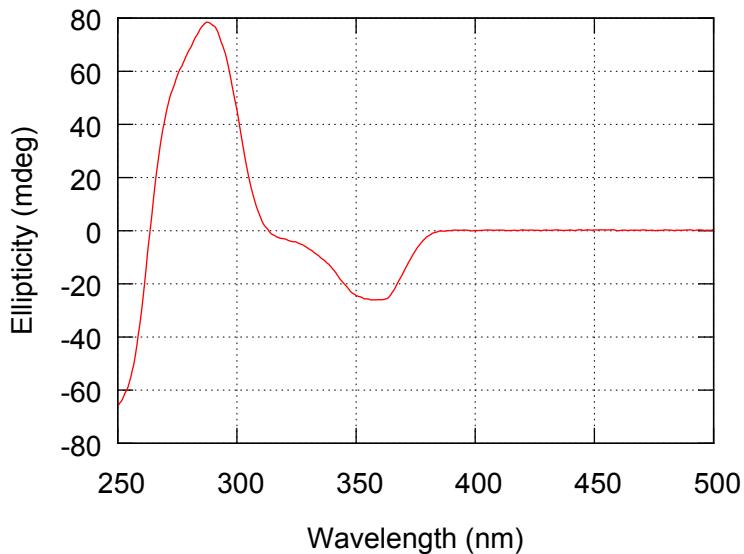


Figure S286. CD spectrum of **5(80)** in 1,2-DME (2.86×10^{-2} g/L, path length = 10 mm).

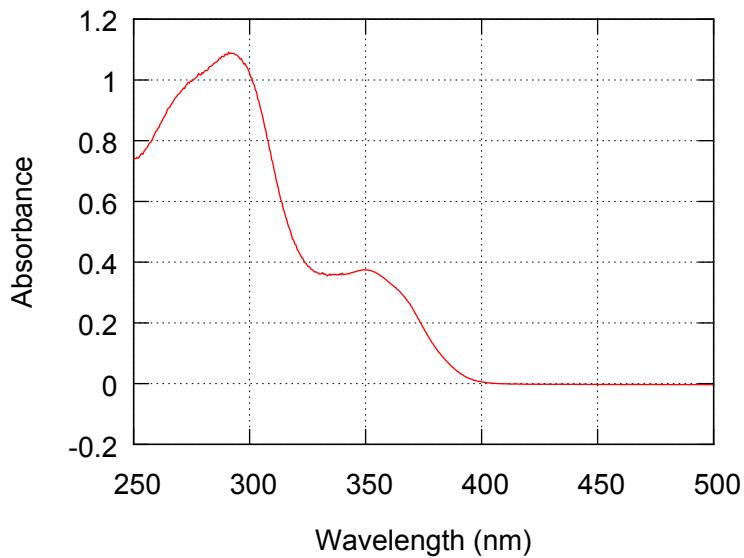


Figure S287. UV-vis absorption spectrum of **5(100)** in 1,2-DME (2.38×10^{-2} g/L, path length = 10 mm).

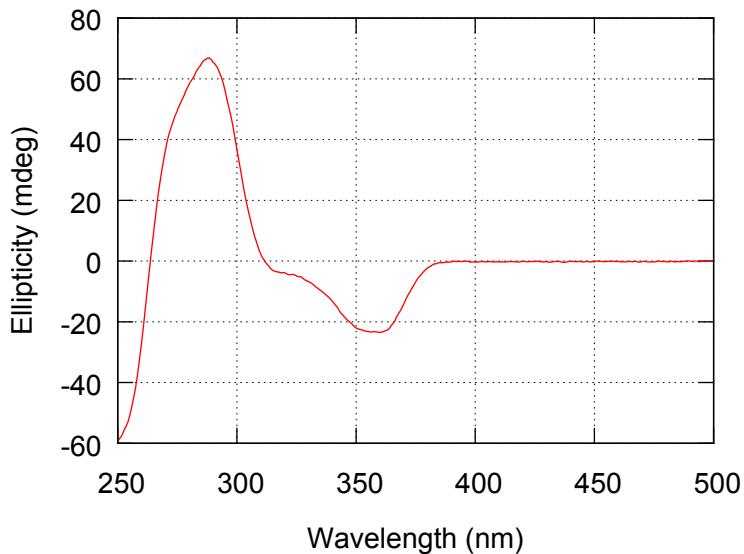


Figure S288. CD spectrum of **5(100)** in 1,2-DME (2.38×10^{-2} g/L, path length = 10 mm).

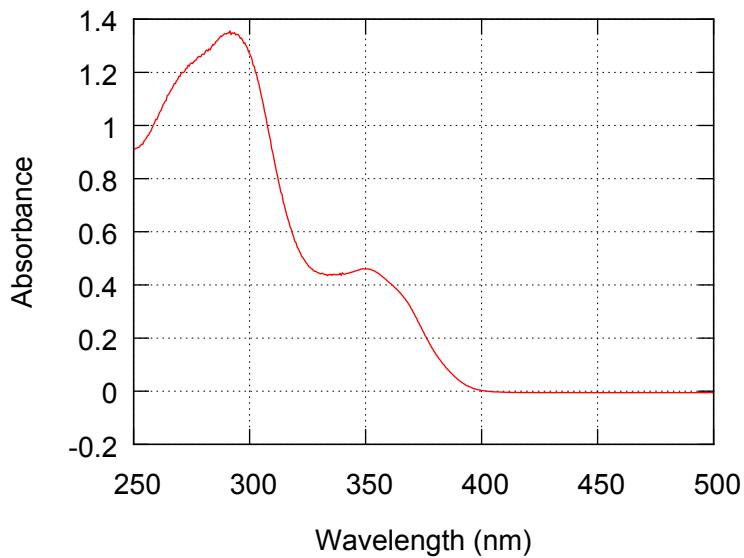


Figure S289. UV-vis absorption spectrum of **5(150)** in 1,2-DME (3.33×10^{-2} g/L, path length = 10 mm).

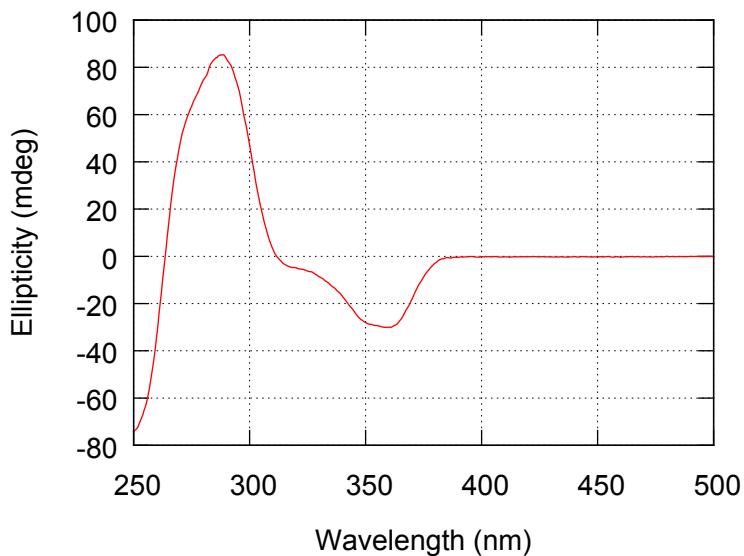


Figure S290. CD spectrum of **5(150)** in 1,2-DME (3.33×10^{-2} g/L, path length = 10 mm).

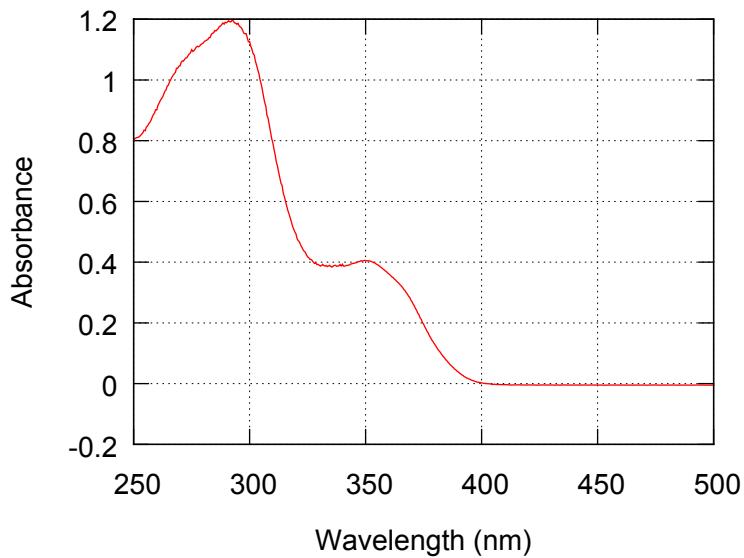


Figure S291. UV-vis absorption spectrum of **5(200)** in 1,2-DME (3.68×10^{-2} g/L, path length = 10 mm).

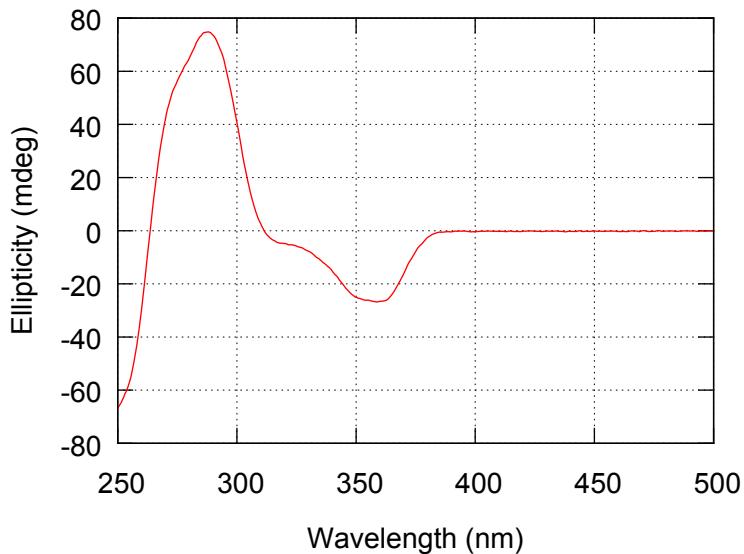


Figure S292. CD spectrum of **5(200)** in 1,2-DME (3.68×10^{-2} g/L, path length = 10 mm).

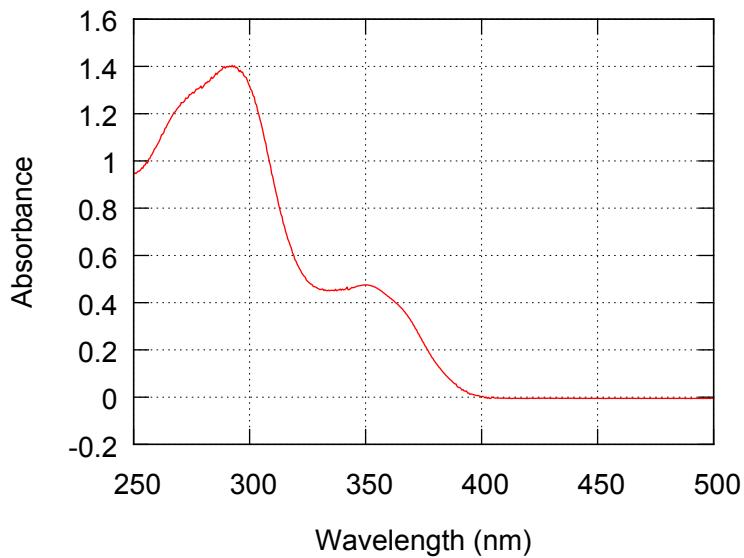


Figure S293. UV-vis absorption spectrum of **5(300)** in 1,2-DME (3.09×10^{-2} g/L, path length = 10 mm).

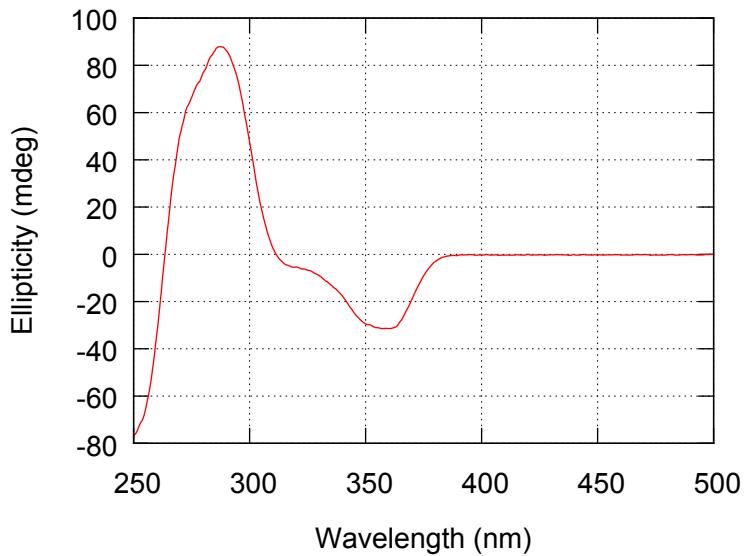


Figure S294. CD spectrum of **5(300)** in 1,2-DME (3.09×10^{-2} g/L, path length = 10 mm).

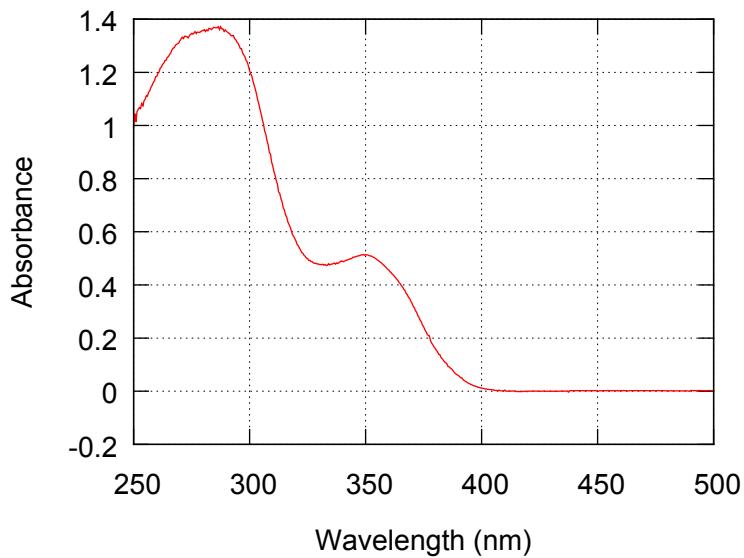


Figure S295. UV-vis absorption spectrum of **1(40)** in EtOAc (2.75×10^{-2} g/L, path length = 10 mm).

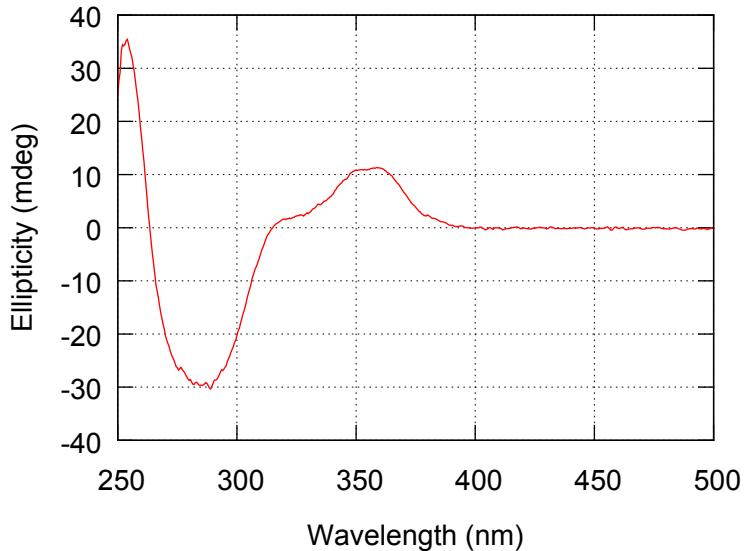


Figure S296. CD spectrum of **1(40)** in EtOAc (2.75×10^{-2} g/L, path length = 10 mm).

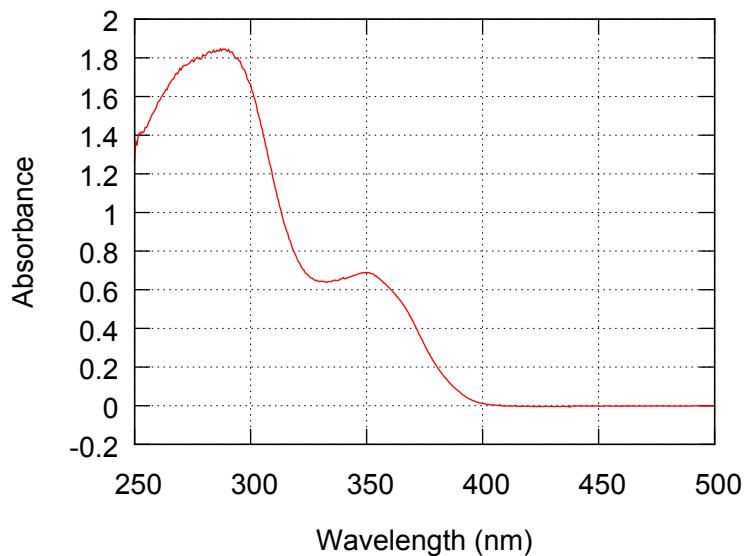


Figure S297. UV-vis absorption spectrum of **2(40)** in EtOAc (2.98×10^{-2} g/L, path length = 10 mm).

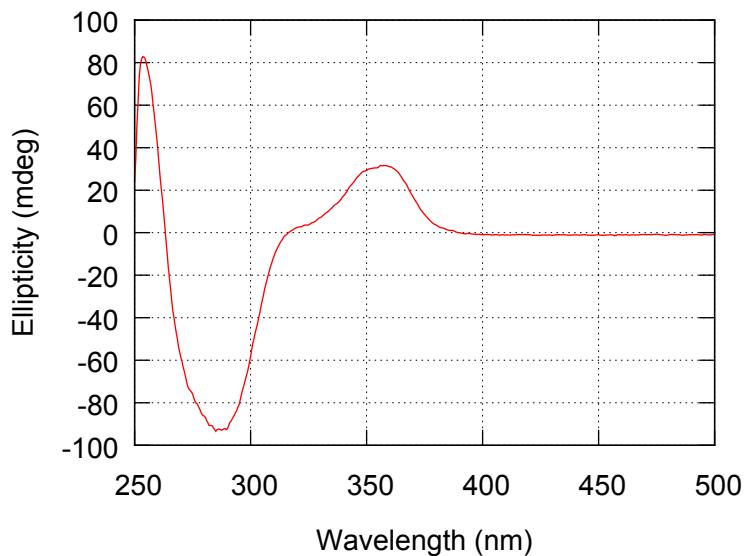


Figure S298. CD spectrum of **2(40)** in EtOAc (2.98×10^{-2} g/L, path length = 10 mm).

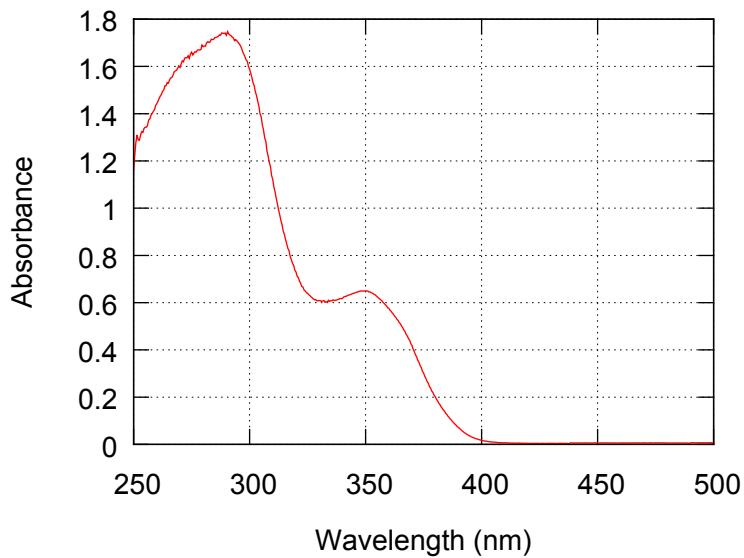


Figure S299. UV-vis absorption spectrum of **3(40)** in EtOAc (3.05×10^{-2} g/L, path length = 10 mm).

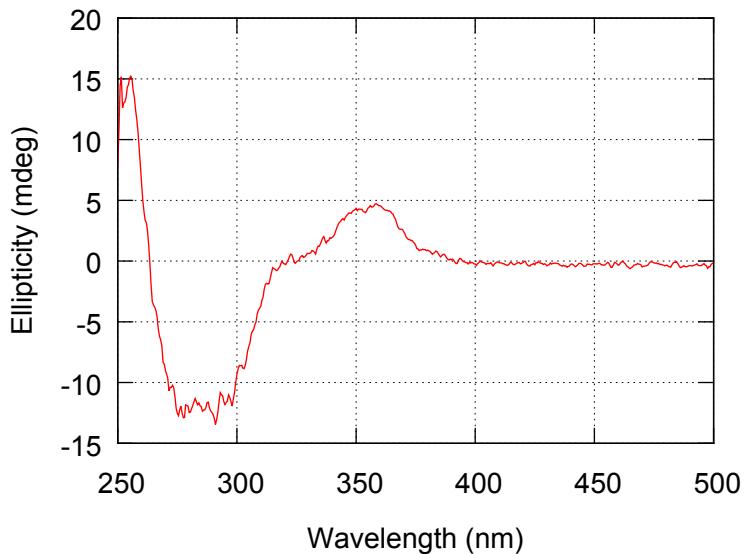


Figure S300. CD spectrum of **3(40)** in EtOAc (3.05×10^{-2} g/L, path length = 10 mm).

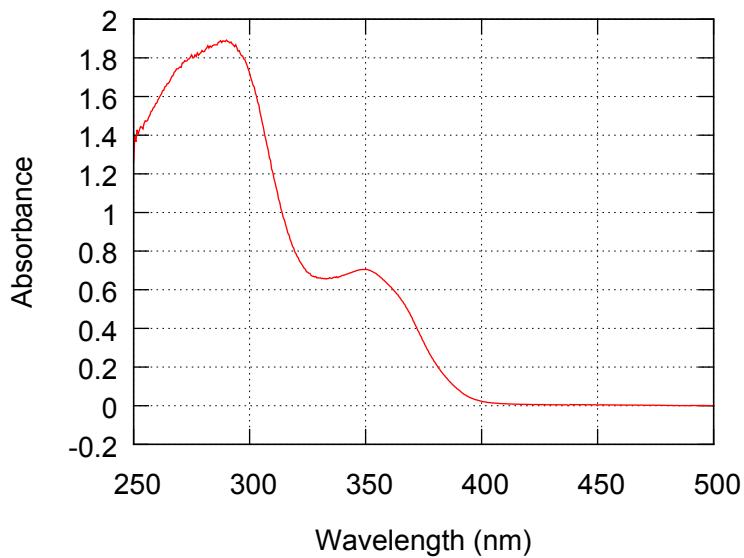


Figure S301. UV-vis absorption spectrum of **4(40)** in EtOAc (2.99×10^{-2} g/L, path length = 10 mm).

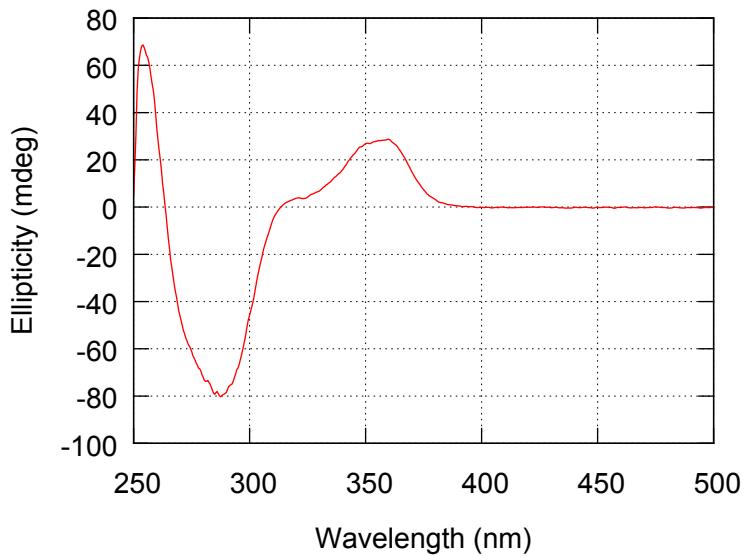


Figure S302. CD spectrum of **4(40)** in EtOAc (2.99×10^{-2} g/L, path length = 10 mm).

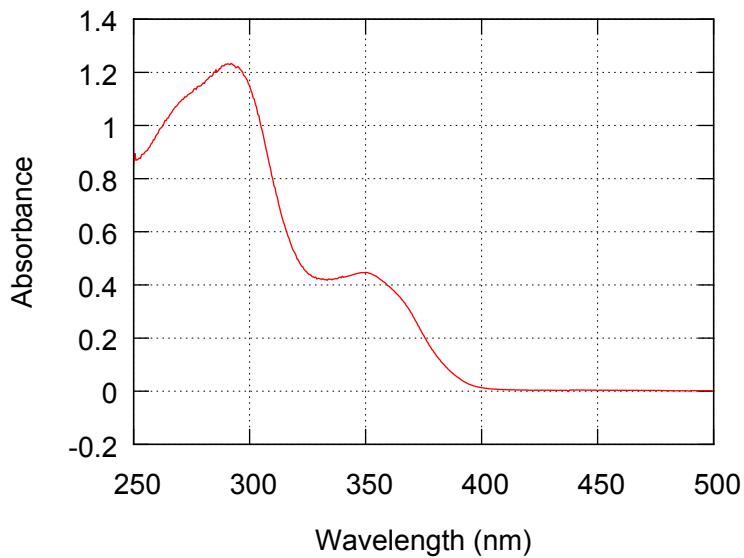


Figure S303. UV-vis absorption spectrum of **5(40)** in EtOAc (3×10^{-2} g/L, path length = 10 mm).

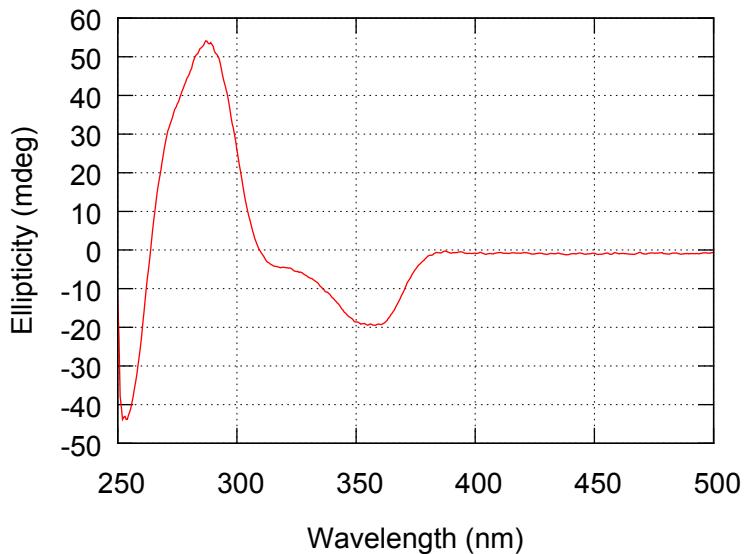


Figure S304. CD spectrum of **5(40)** in EtOAc (3×10^{-2} g/L, path length = 10 mm).

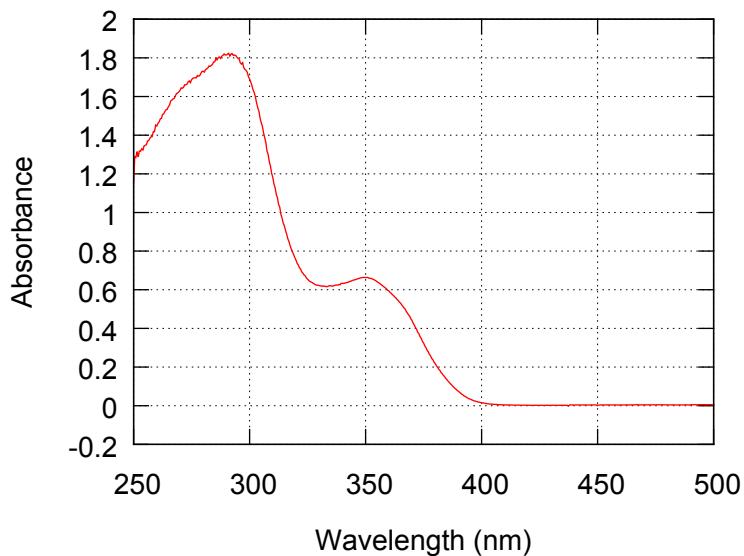


Figure S305. UV-vis absorption spectrum of **6(40)** in EtOAc (3.01×10^{-2} g/L, path length = 10 mm).

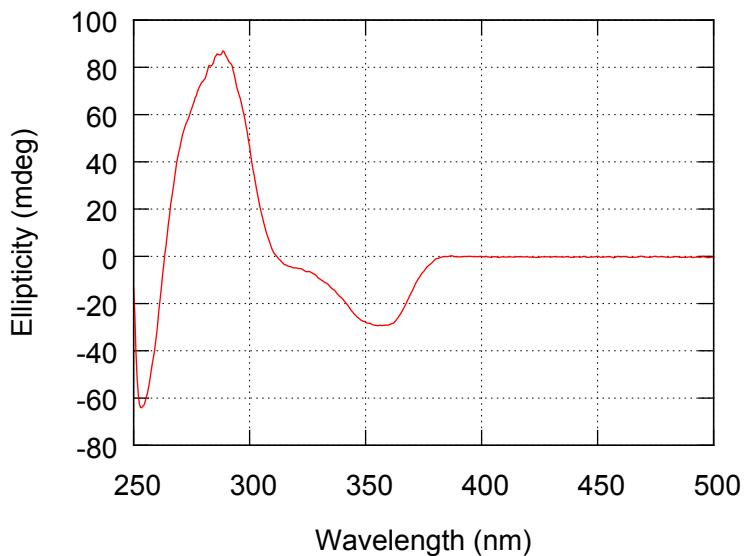


Figure S306. CD spectrum of **6(40)** in EtOAc (3.01×10^{-2} g/L, path length = 10 mm).

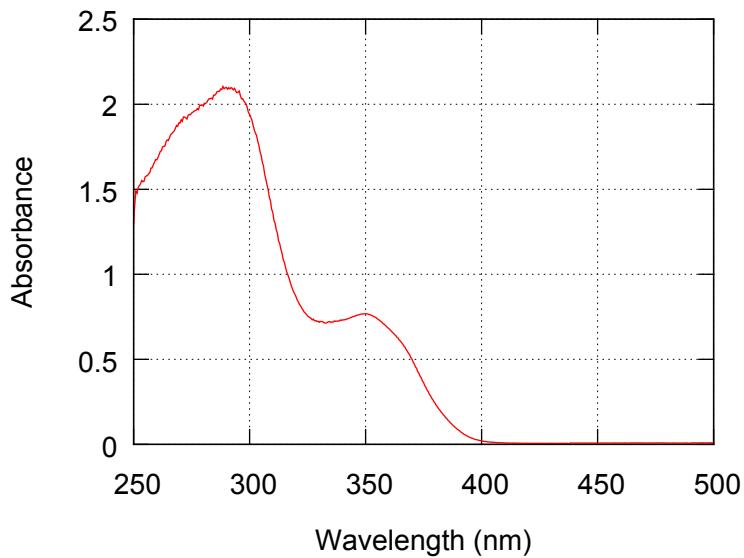


Figure S307. UV-vis absorption spectrum of **7(40)** in EtOAc (2.99×10^{-2} g/L, path length = 10 mm).

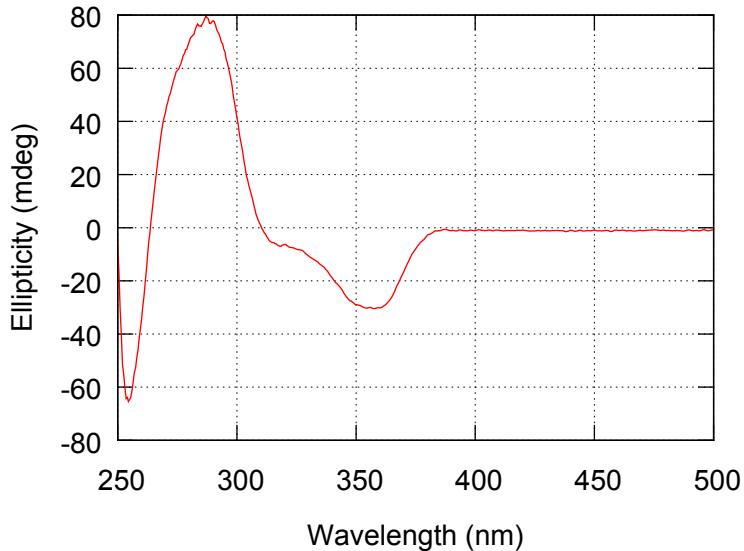


Figure S308. CD spectrum of **7(40)** in EtOAc (2.99×10^{-2} g/L, path length = 10 mm).

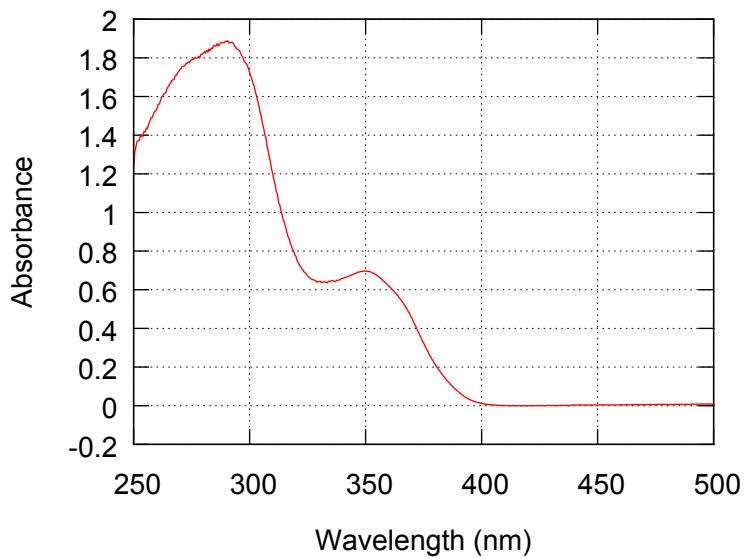


Figure S309. UV-vis absorption spectrum of **8(40)** in EtOAc (3.03×10^{-2} g/L, path length = 10 mm).

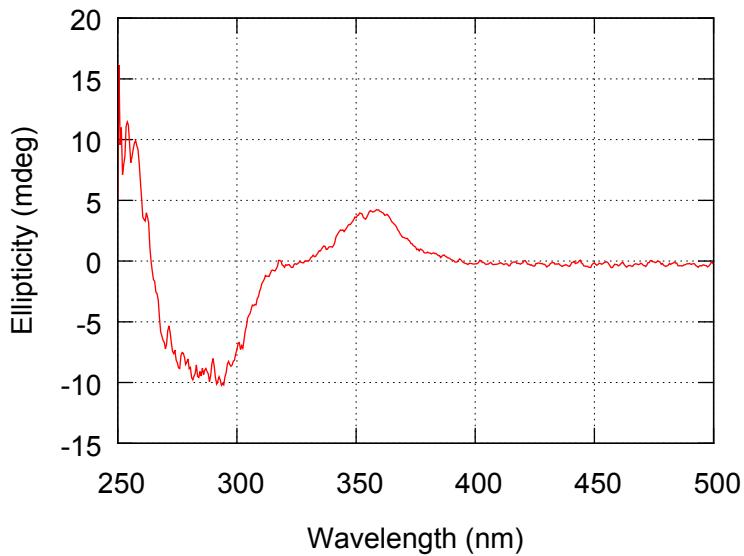


Figure S310. CD spectrum of **8(40)** in EtOAc (3.03×10^{-2} g/L, path length = 10 mm).

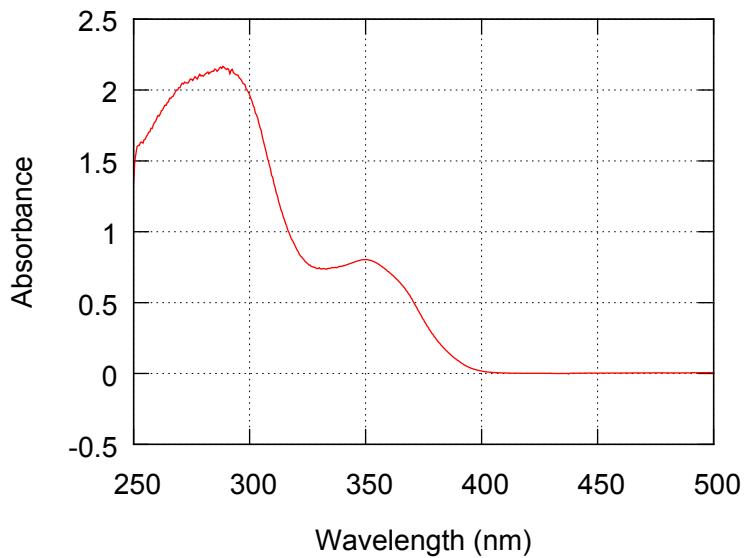


Figure S311. UV-vis absorption spectrum of **9(40)** in EtOAc (3.14×10^{-2} g/L, path length = 10 mm).

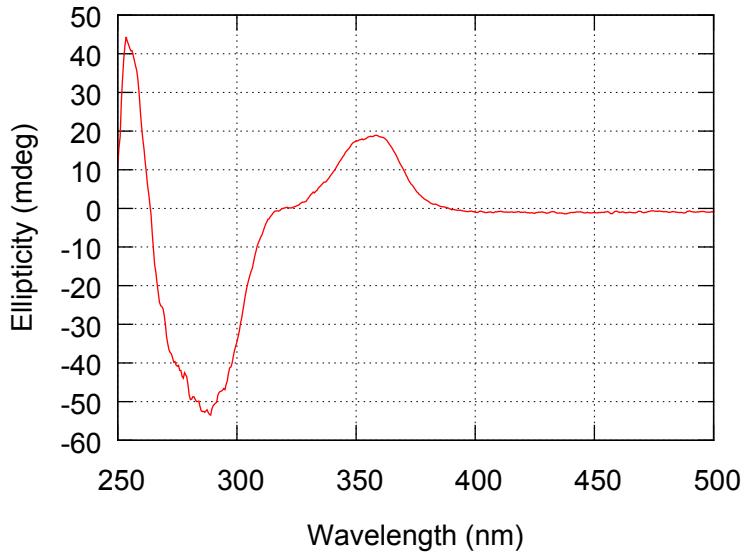


Figure S312. CD spectrum of **9(40)** in EtOAc (3.14×10^{-2} g/L, path length = 10 mm).

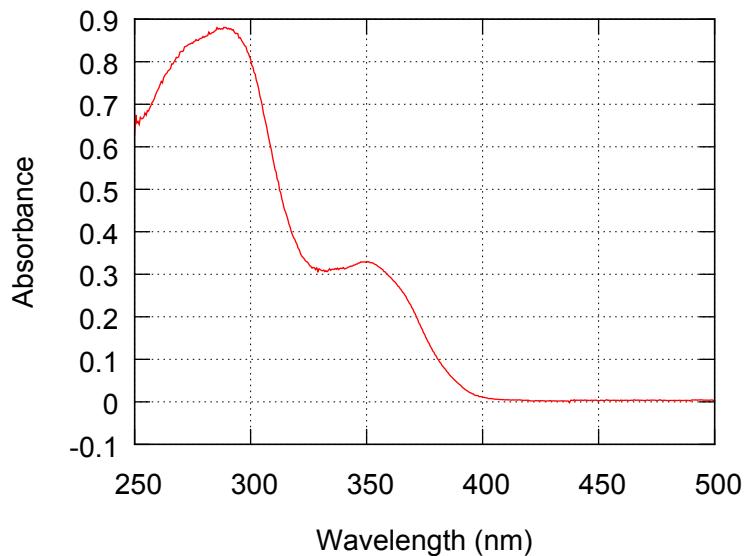


Figure S313. UV-vis absorption spectrum of **10(40)** in EtOAc (3.02×10^{-2} g/L, path length = 10 mm).

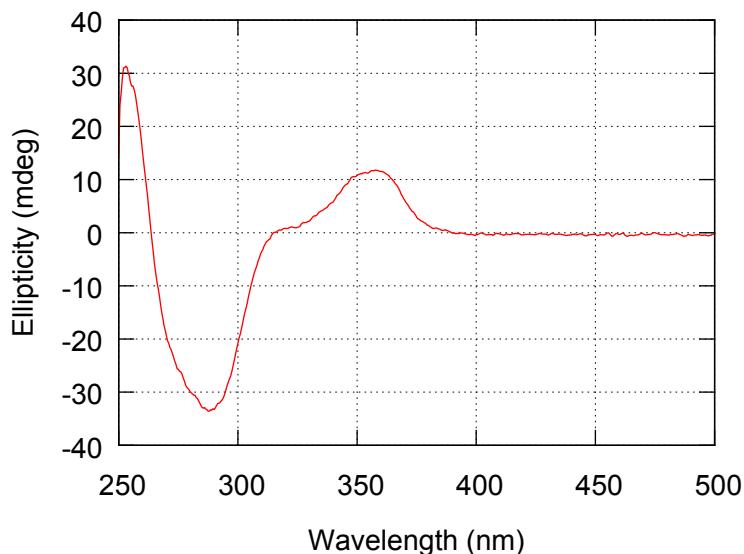


Figure S314. CD spectrum of **10(40)** in EtOAc (3.02×10^{-2} g/L, path length = 10 mm).