Supplementary

Figure S1. UV spectrum of compound 1 in CH₃OH.

Figure S2. IR spectrum of compound 1.
Figure S3. HR-ESI-TOF-MS spectrum of compound 1.

Figure S4. $^1$H-NMR spectrum of compound 1 in CD$_3$OD.
Figure S5. $^{13}$C-NMR spectrum of compound 1 in CD$_3$OD.

Figure S6. $^1$H$^1$H COSY spectrum of compound 1 in CD$_3$OD.
Figure S7. HSQC spectrum of compound 1 in CD$_3$OD.

Figure S8. HMBC spectrum of compound 1 in CD$_3$OD.
Figure S9. NOESY spectrum of compound 1 in CD$_3$OD.

Figure S10. UV spectrum of compound 2 in CH$_3$OH.
Figure S11. IR spectrum of compound 2.

Figure S12. HR-ESI-TOF-MS spectrum of compound 2.
Figure S13. $^1$H-NMR spectrum of compound 2 in CDCl$_3$.

![$^1$H-NMR spectrum](image)

Figure S14. $^{13}$C-NMR spectrum of compound 2 in CDCl$_3$.

![$^{13}$C-NMR spectrum](image)
Figure S15. $^1\text{H}^1\text{H}$ COSY spectrum of compound 2 in CDCl$_3$.

Figure S16. HSQC spectrum of compound 2 in CDCl$_3$. 
Figure S17. HMBC spectrum of compound 2 in CDCl₃.

Figure S18. NOESY spectrum of compound 2 in CDCl₃.
Figure S19. UV spectrum of compound 3 in CH₃OH.

Figure S20. IR spectrum of compound 3.
Figure S21. HR-ESI-TOF-MS spectrum of compound 3.

Figure S22. $^1$H-NMR spectrum of compound 3 in CDCl₃.
Figure S23. $^{13}$C-NMR spectrum of compound 3 in CDCl$_3$.

Figure S24. $^1$H$^1$H COSY spectrum of compound 3 in CDCl$_3$. 
Figure S25. HSQC spectrum of compound 3 in CDCl₃.

Figure S26. HMBC spectrum of compound 3 in CDCl₃.
Figure S27. NOESY spectrum of compound 3 in CDCl3.

Figure S28. UV spectrum of compound 4 in CH3OH.
Figure S29. IR spectrum of compound 4.

Figure S30. HR-ESI-TOF-MS spectrum of compound 4.
Figure S31. $^1$H-NMR spectrum of compound 4 in CD$_3$OD.

Figure S32. $^{13}$C-NMR spectrum of compound 4 in CD$_3$OD.
Figure S33. $^1$H$^1$H COSY spectrum of compound 4 in CD$_3$OD.

Figure S34. HSQC spectrum of compound 4 in CD$_3$OD.
Figure S35. HMBC spectrum of compound 4 in CD$_3$OD.

Figure S36. NOESY spectrum of compound 4 in CD$_3$OD.
Figure S37. UV spectrum of compound 5 in CH$_3$OH.

Figure S38. IR spectrum of compound 5.
Figure S39. HR-ESI-TOF-MS spectrum of compound 5.

Figure S40. $^1$H-NMR spectrum of compound 5 in CDCl$_3$. 
**Figure S41.** $^{13}$C-NMR spectrum of compound 5 in CDCl$_3$.

**Figure S42.** $^1$H$^1$H COSY spectrum of compound 5 in CDCl$_3$. 
Figure S43. HSQC spectrum of compound 5 in CDCl₃.

Figure S44. HMBC spectrum of compound 5 in CDCl₃.
Figure S45. NOESY spectrum of compound 5 in CDCl₃.

Figure S46. UV spectrum of compound 6 in CH₃OH.
Figure S47. IR spectrum of compound 6.

Figure S48. HR-ESI-TOF-MS spectrum of compound 6.
Figure S49. $^1$H-NMR spectrum of compound 6 in CDCl₃.

Figure S50. $^{13}$C-NMR spectrum of compound 6 in CDCl₃.
Figure S51. $^1$H$^1$H COSY spectrum of compound 6 in CDCl$_3$.

Figure S52. HSQC spectrum of compound 6 in CDCl$_3$. 
Figure S53. HMBC spectrum of compound 6 in CDCl₃.

Figure S54. NOESY spectrum of compound 6 in CDCl₃.
Figure S55. UV spectrum of compound 7 in CH₃OH.

Figure S56. IR spectrum of compound 7.
Figure S57. HR-ESI-TOF-MS spectrum of compound 7.

Figure S58. $^1$H-NMR spectrum of compound 7 in CDCl₃.
Figure S59. $^{13}$C-NMR spectrum of compound 7 in CDCl$_3$.

Figure S60. $^1$H$^1$H COSY spectrum of compound 7 in CDCl$_3$. 
Figure S61. HSQC spectrum of compound 7 in CDCl₃.

Figure S62. HMBC spectrum of compound 7 in CDCl₃.
Figure S63. NOESY spectrum of compound 7 in CDCl₃.