Supplementary Information

Synthesis and Characterization of Newly Fused 1,2-Dihydropyrido[3,4-b], Bridged Oxadiazol-2-yl, 4-Substituted-benzylidene Hydrazide and Arylidene 6-Chloroquinoxaline 1,4-Dioxides

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Figure S1. Mass spectrum of compound 10a.
Figure S2. Mass spectrum of compound 11b.
Figure S3. Mass spectrum of compound 16a.
Figure S4. Mass spectrum of compound 16b.
Figure S5. Mass spectrum of compound 16e.
Figure S6. Mass spectrum of compound 16c.
Figure S7. Mass spectrum of compound 11d.
Figure S8. Mass spectrum of compound 9.
Figure S9. Mass spectrum of compound 10c.
Figure S10. Mass spectrum of compound 15.
Figure S11. Mass spectrum of compound 11c.
Figure S12. Mass spectrum of compound 7.
Figure S13. $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 11a.
Figure S14. $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 8.
Figure S15. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$) of compound 13.
Figure S16. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$) of compound 16a.
Figure S17. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$) of compound 16b.
Figure S18. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$) of compound 16e.
Figure S19. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$) of compound 12a.
Figure S20. $^1$H NMR spectrum (500 MHz, CDCl$_3$) of compound 15.
Figure S21. H NMR spectrum (300 MHz, CDCl₃) of compound 11c.
Figure S22. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$) of compound 7.
Figure S23. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$) of compound 12b.
Figure S24. ¹H NMR spectrum (500 MHz, CDCl₃) of compound 10b.
Figure S25. $^{13}$C NMR spectrum (500 MHz, CDCl$_3$) of compound 11a.
Figure S26. $^{13}$C NMR spectrum (500 MHz, DMSO-$d_6$) of compound 14.
Figure S27. $^{13}$C NMR spectrum (500 MHz, CDCl$_3$) of compound 8.
Figure S28. $^{13}$C NMR spectrum (500 MHz, DMSO-$d_6$) of compound 13.
Figure S29. $^{13}$C NMR spectrum (500 MHz, DMSO-$d_6$) of compound 16a.
Figure S30. $^{13}$C NMR spectrum (500 MHz, DMSO-$d_6$) of compound 16b.
Figure S31. $^{13}$C NMR spectrum (500 MHz, DMSO-$d_6$) of compound 16d.
Figure S32. $^{13}$C NMR spectrum (500 MHz, DMSO-$d_6$) of compound 16e.
Figure S33. $^{13}$C NMR spectrum (500 MHz, DMSO-$d_6$) of compound 16c.
Figure S34. $^{13}$C NMR spectrum (500 MHz, DMSO-$d_6$) of compound 12a.
Figure S35. $^{13}$C NMR spectrum (500 MHz, CDCl$_3$) of compound 15.
Figure S36. $^{13}$C NMR spectrum (500 MHz, DMSO-$d_6$) of compound 7.
Figure S37. $^{13}$C NMR spectrum (500 MHz, DMSO-$d_6$) of compound 12b.
Figure S38. $^{13}$C NMR spectrum (500 MHz, CDCl$_3$) of compound 10b.
Figure S39. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$ (D$_2$O)) of compound 14.
Figure S40. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$ (D$_2$O)) of compound 13.
Figure S41. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$ (D$_2$O)) of compound 16a.
Figure S42. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$ (D$_2$O)) of compound 16b.
Figure S43. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$ (D$_2$O)) of compound 16d.
Figure S44. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$ (D$_2$O)) of compound 16e.
Figure S45. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$ (D$_2$O) of compound 16b.
Figure S46. $^1$H NMR spectrum (500 MHz, DMSO-$d_6$ (D$_2$O)) of compound 12b.
Figure S47. FTIR (KBr) spectrum of compound 11a.
Figure S48. FTIR (KBr) spectrum of compound 8.
Figure S49. FTIR (KBr) spectrum of compound 13.
Figure S50. FTIR (KBr) spectrum of compound 16b.
Figure S51. FTIR (KBr) spectrum of compound 16d.
Figure S52. FTIR (KBr) spectrum of compound 16e.
Figure S53. FTIR (KBr) spectrum of compound 11d.
Figure S54. FTIR (KBr) spectrum of compound 11e.
Figure S55. FTIR (KBr) spectrum of compound 12a.
Figure S56. FTIR (KBr) spectrum of compound 15.
Figure S57. FTIR (KBr) spectrum of compound 11c.
Figure S58. FTIR (KBr) spectrum of compound 10b.