Supplementary Materials

Figure S1. $^1$H-NMR of compound 3a.

Figure S2. HR-ESI-MS of compound 3a.
Figure S3. IR of compound 3a.

Figure S4. $^1$H-NMR of compound 3b.
Figure S5. HR-ESI-MS of compound 3b.

Figure S6. $^1$H-NMR of compound 3c.
Figure S7. IR of compound 3c.

Figure S8. 1H-NMR of compound 3d.
Figure S9. HR-ESI-MS of compound 3d.

Figure S10. IR of compound 3d.
Figure S11. $^1$H-NMR spectra of compound 4a.

Figure S12. MS of compound 4a.
Figure S13. IR spectra of compound 4a.

Figure S14. $^1$H-NMR spectra of compound 4b.
Figure S15. IR spectra of compound 4b.

Figure S16. $^1$H-NMR spectra of compound 4c.
Figure S17. MS of compound 4c.

Figure S18. IR of compound 4c.
Figure S19. $^1$H-NMR spectra of compound 4d.

Figure S20. MS of compound 4d W20131123F.
Figure S21. IR of compound 4d.

Figure S22. $^1$H-NMR spectra of compound 4e.
Figure S23. MS of compound 4e.

Figure S24. IR of compound 4e.
Figure S25. $^1$H-NMR spectra of compound 4f.

Figure S26. MS of compound 4f.
Figure S27. IR spectra of compound 4f.

Figure S28. $^1$H-NMR spectra of compound 4g.
Figure S29. MS spectra of compound 4g.

Figure S30. IR spectra of compound 4g.
Figure S31. $^1$H-NMR spectra of compound 4h.

Figure S32. MS of compound 4h.
Figure S33. IR of compound 4h.

Figure S34. $^1$H-NMR spectra of compound 4i.
Figure S35. MS spectra of compound 4i.

Figure S36. IR spectra of compound 4i.
Figure S37. $^1$H-NMR spectra of compound 4j.

Figure S38. MS of compound 4j.
Figure S39. IR of compound 4j.

Figure S40. $^1$H-NMR spectra of compound 4k.
Figure S41. MS of compound 4k w201312111.

Figure S42. IR of compound 4k.
Figure S43. $^1$H-NMR spectra of 4l.

Figure S44. MS of compound 4l.
Figure S45. IR of compound 4l.