## Figure S1. 1H NMR spectrum of compound a

## Figure S2. HRMS spectrum of compound a

## Figure S3. 1H NMR spectrum of compound b

## Figure S4. HRMS spectrum of compound b

## Figure S5. 1H NMR spectrum of compound c

## Figure S6. 1C NMR spectrum of compound c

## Figure S7. HRMS spectrum of compound c

## Figure S8. 1H NMR spectrum of compound d

## Figure S9. HRMS spectrum of compound d

## Figure S10. 1H NMR spectrum of compound e

## Figure S11. HRMS spectrum of compound e

## Figure S12. 1H NMR spectrum of compound f

## Figure S13. HRMS spectrum of compound f

## Figure S14. 1H NMR spectrum of compound g

## Figure S15. 1C NMR spectrum of compound g

## Figure S16. HRMS spectrum of compound g

## Figure S17. 1H NMR spectrum of compound h

## Figure S18. HRMS spectrum of compound h

## Figure S19. 1H NMR spectrum of compound i

## Figure S20. HRMS spectrum of compound i

## Figure S21. 1H NMR spectrum of compound j

## Figure S22. HRMS spectrum of compound j

## Figure S23. 1H NMR spectrum of compound k

## Figure S24. HRMS spectrum of compound k

## Figure S25. 1H NMR spectrum of compound l

## Figure S26. HRMS spectrum of compound l

## Figure S27. 1H NMR spectrum of compound m

## Figure S28. HRMS spectrum of compound m

## Figure S29. 1H NMR spectrum of compound n

## Figure S30. HRMS spectrum of compound n

## Figure S31. 1H NMR spectrum of compound o

## Figure S32. 1C NMR spectrum of compound o

## Figure S33. HRMS spectrum of compound o

## Figure S34. 1H NMR spectrum of compound p

## Figure S35. 1C NMR spectrum of compound p

## Figure S36. HRMS spectrum of compound p

## Figure S37. 1H NMR spectrum of compound q

## Figure S38. HRMS spectrum of compound q

## Figure S39. 1H NMR spectrum of compound r

## Figure S40. 1C NMR spectrum of compound r

## Figure S41. HRMS spectrum of compound r

## Figure S42. 1H NMR spectrum of compound s

## Figure S43. 1C NMR spectrum of compound s

## Figure S44. HRMS spectrum of compound s

## Figure S45. 1H NMR spectrum of compound t

## Figure S46. HRMS spectrum of compound t

## Figure S47. 1H NMR spectrum of compound u

## Figure S48. HRMS spectrum of compound u

## Figure S49. 1H NMR spectrum of compound v

## Figure S50. 1C NMR spectrum of compound v

## Figure S51. HRMS spectrum of compound v