Supplementary

Copies of NMR Spectra for 4-substituted-2-amino-3-cyano-4H-chromenes.

Figure S1. H-NMR of 6aa.

Figure S2. C-NMR of 6aa.
Figure S3. H-NMR of 6ab.

Figure S4. C-NMR of 6ab.
Figure S5. H-NMR of 6ba.

Figure S6. C-NMR of 6ba.
Figure S7. H-NMR of 6bb.

![H-NMR spectrum of 6bb](image)

Figure S8. C-NMR of 6bb.

![C-NMR spectrum of 6bb](image)
Figure S9. H-NMR of 6ca.

Figure S10. H-NMR of 6ca.
Figure S11. H-NMR of 6cb.

Figure S12. C-NMR of 6cb.
Figure S13. H-NMR of 6da.

Figure S14. C-NMR of 6da.
Figure S15. H-NMR of 6db.

Figure S16. C-NMR of 6db.
Figure S17. H-NMR of 6ea.

Figure S18. C-NMR of 6ea.
Figure S19. C-NMR of 6eb.

![C-NMR of 6eb](image1)

Figure S20. C-NMR of 6eb.

![C-NMR of 6eb](image2)
Figure S21. H-NMR of 6fa.

![H-NMR Image](image)

Figure S22. C-NMR of 6fa.

![C-NMR Image](image)
Figure S23. H-NMR of 6fb.

Figure S24. C-NMR of 6fb.
Figure S25. H-NMR of 6ga.

Figure S26. C-NMR of 6ga.
Figure S27. H-NMR of 6gb.

Figure S28. C-NMR of 6gb.
Figure S29. H-NMR of 6ha.

Figure S30. C-NMR of 6ha.
Figure S31. H-NMR of 6hb.

Figure S32. C-NMR of 6hb.
Figure S33. H-NMR of 6ia.

Figure S34. C-NMR of 6ia.
Figure S35. H-NMR of 6ib.

Figure S36. C-NMR of 6ib.
Figure S37. H-NMR of 6ja.

Figure S38. C-NMR of 6ja.
Figure S39. H-NMR of 6jb.

Figure S40. H-NMR of 6ka.
Figure S41. C-NMR of 6ka.

Figure S42. H-NMR of 6kb.
Figure S43. C-NMR of 6kb.

Figure S44. H-NMR of 6la.
Figure S45. C-NMR of 6la.

![C-NMR of 6la](image)

Figure S46. H-NMR of 6ma.

![H-NMR of 6ma](image)
Figure S47. C-NMR of 6ma.

![C-NMR of 6ma](image)

Figure S48. H-NMR of 6n.

![H-NMR of 6n](image)
Figure S49. C-NMR of 6n.

Figure S50. H-NMR of 6o.
Figure S51. H-NMR of 6p.

Figure S52. H-NMR of 6q.