

Fine-tuned reactivity of *N*-containing naphthol analogues

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5-(hydroxy(naphthalen-1-yl)methyl)quinolin-6-ol (5)

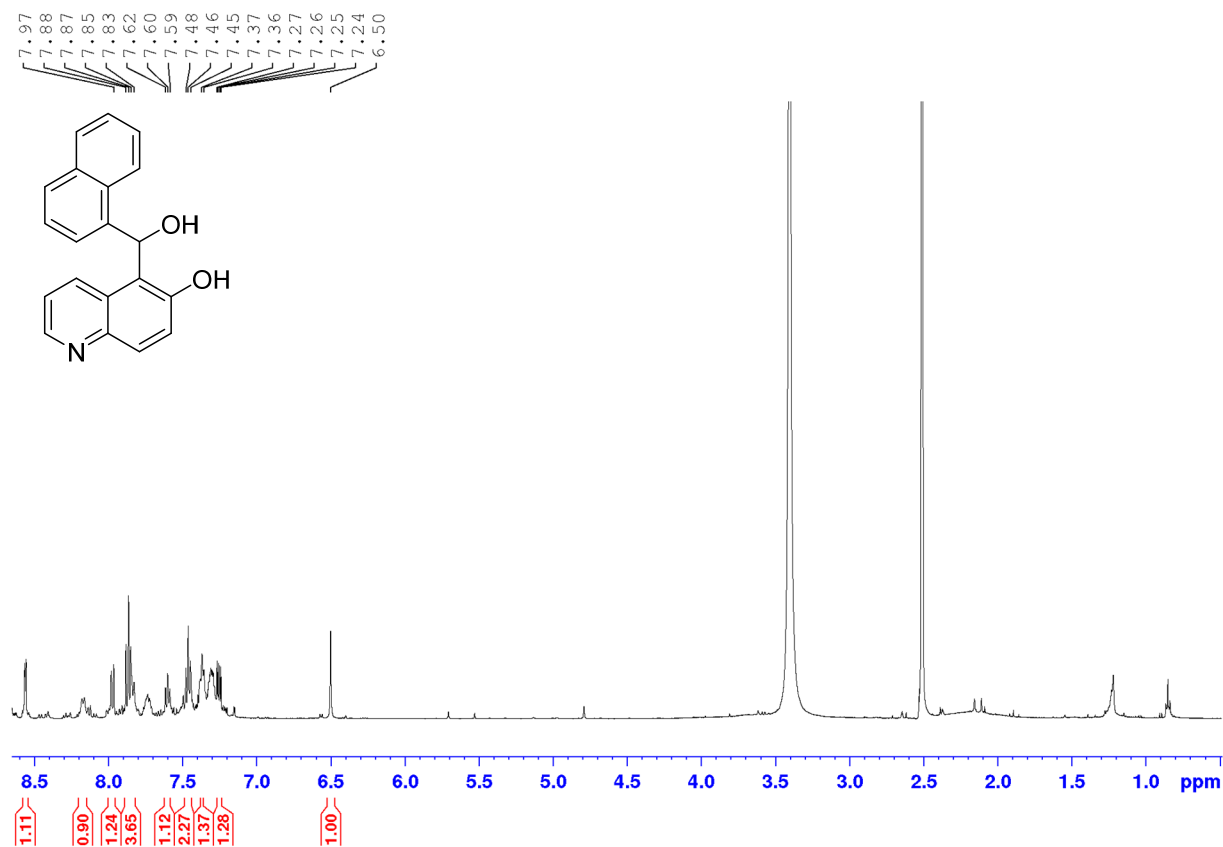


Figure S1. ¹H-NMR spectrum of 5

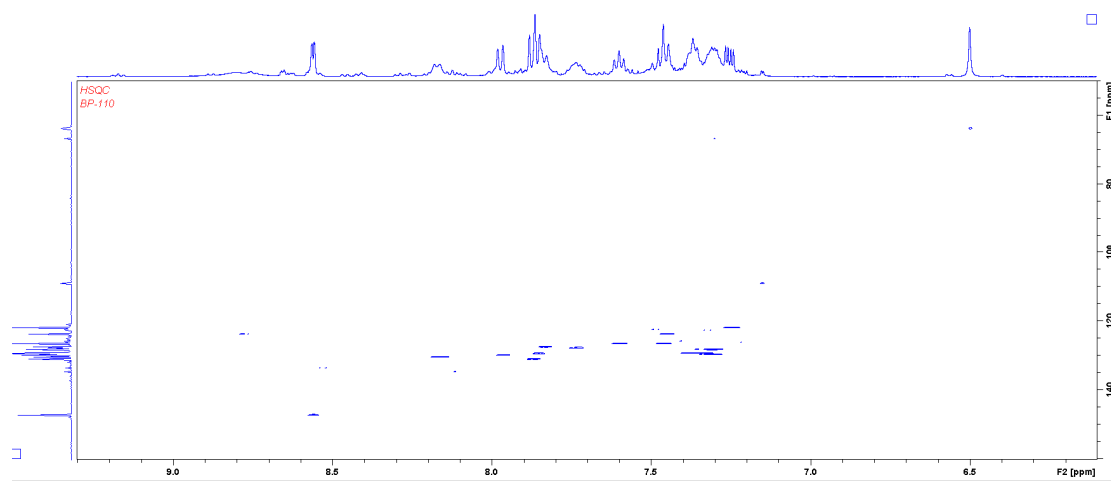


Figure S2. HSQC spectrum of 5

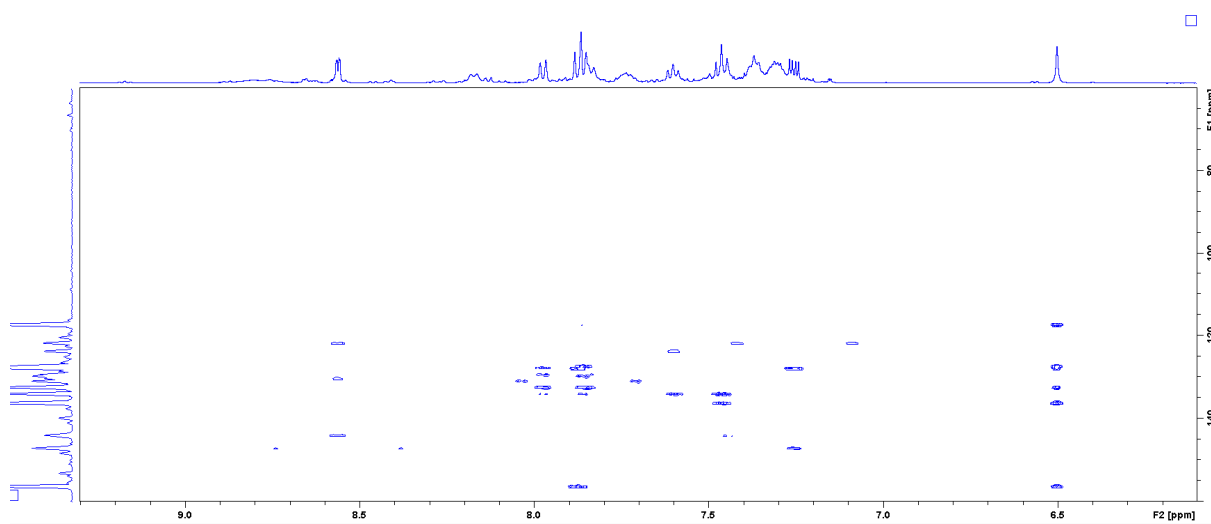


Figure S3. HMBC spectrum of **5**

5-(morpholino(naphthalen-1-yl)methyl)quinolin-6-ol (7)

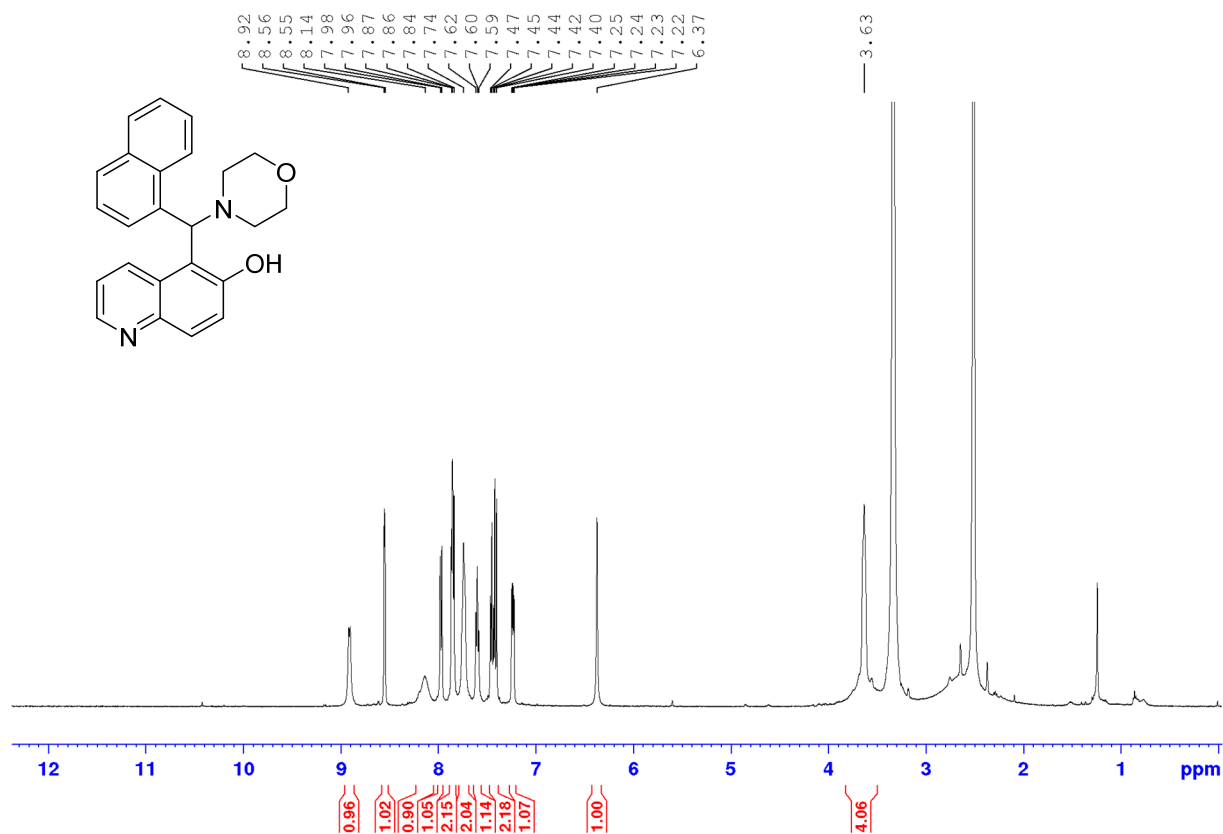


Figure S4. ¹H-NMR spectrum of 7

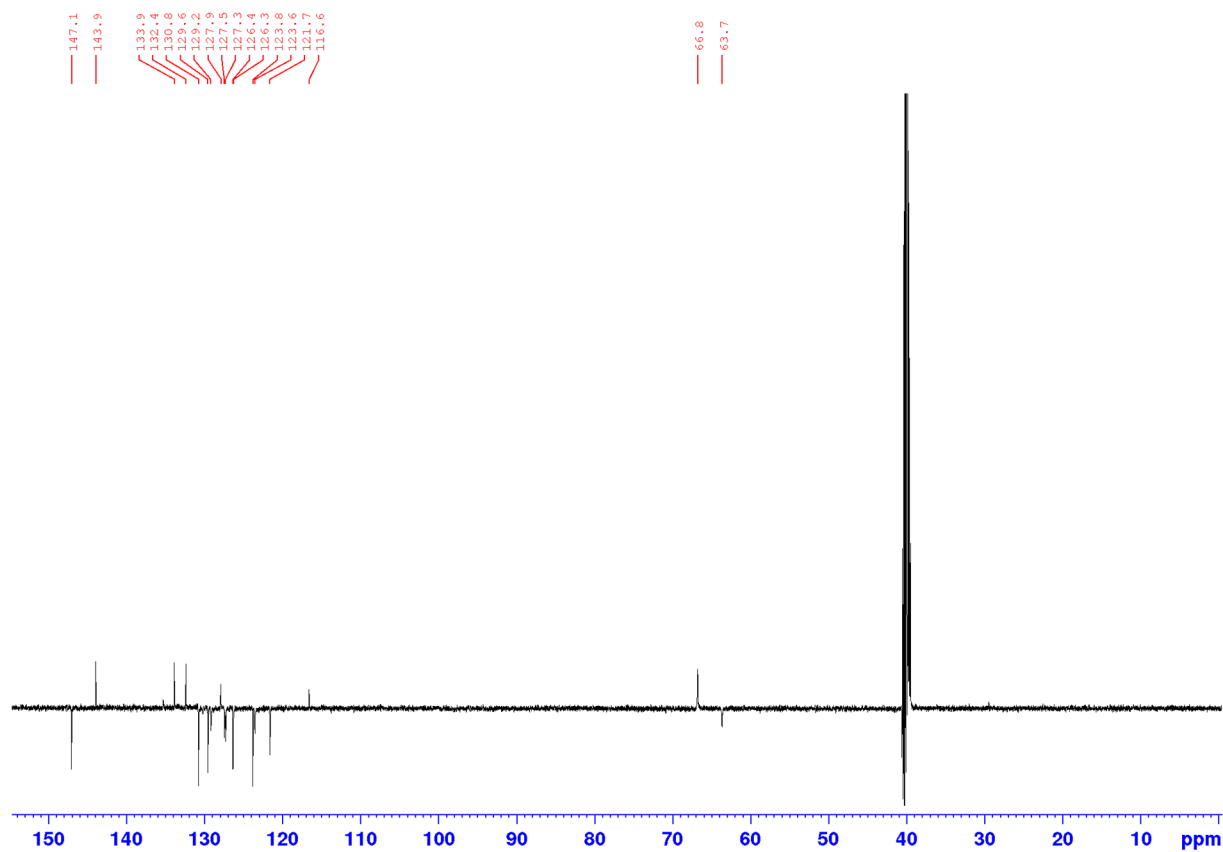


Figure S5. ¹³C-NMR spectrum of 7

1-methoxy-4-(naphthalen-1-ylmethylene)-1,2-dihydroisoquinolin-3(4H)-one (10)

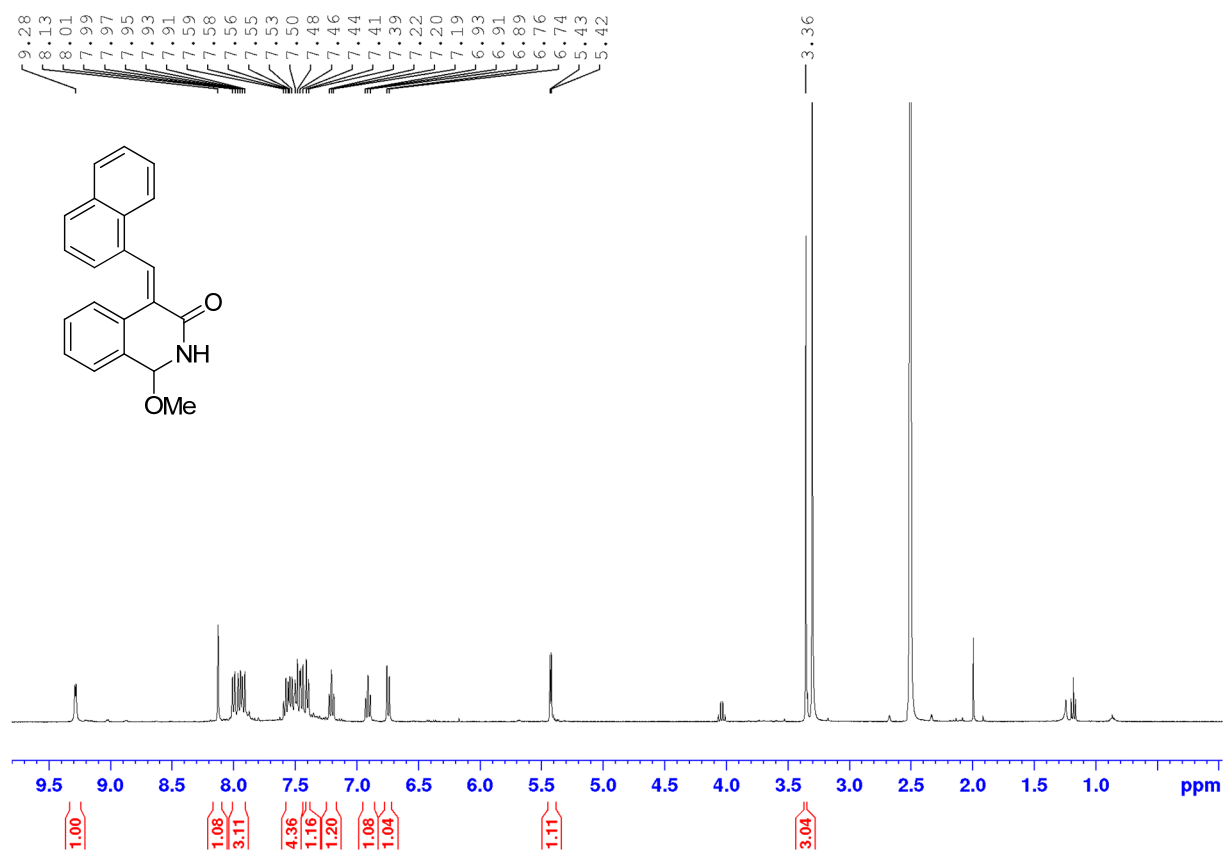


Figure S6. ¹H-NMR spectrum of 10

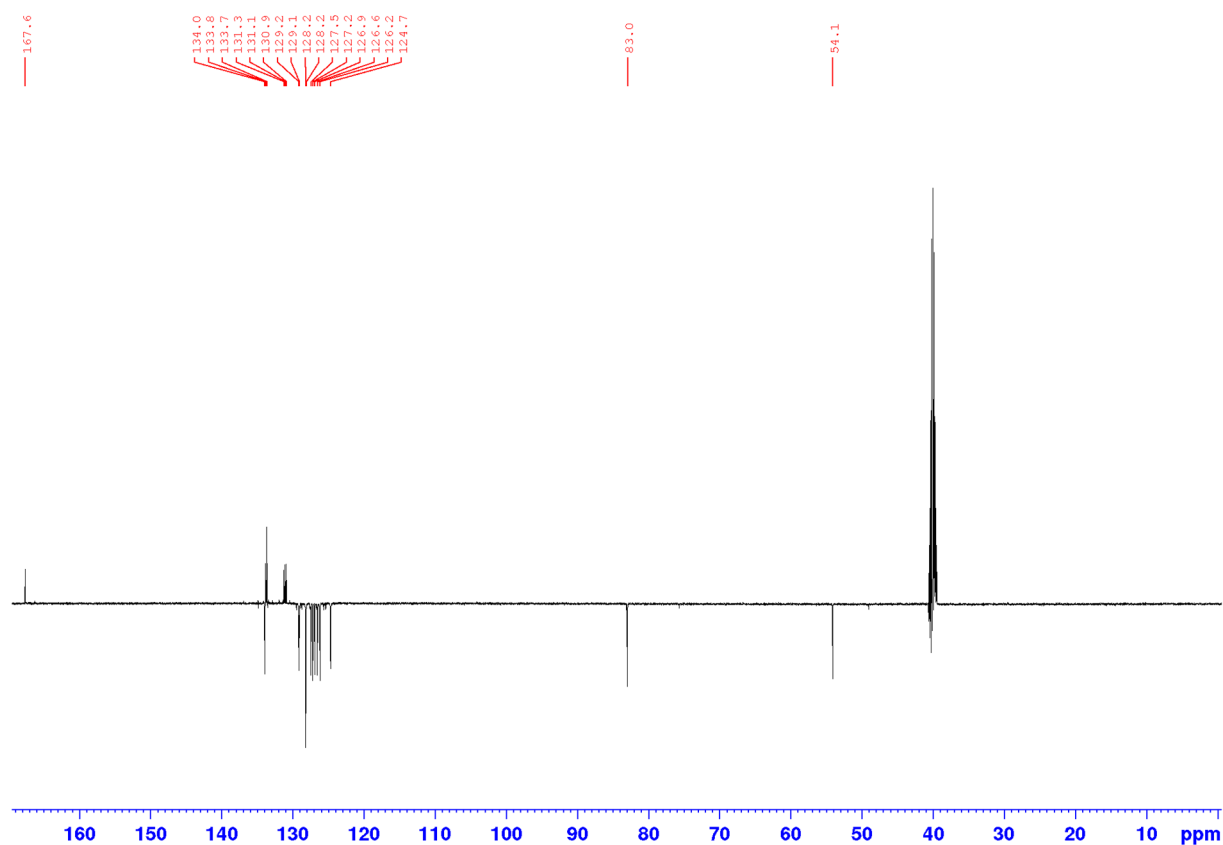


Figure S7. ¹³C-NMR spectrum of 10

3'-Hydroxy-1,2-dihydro-[1,4'-biisoquinolin]-3(4H)-one (11a)

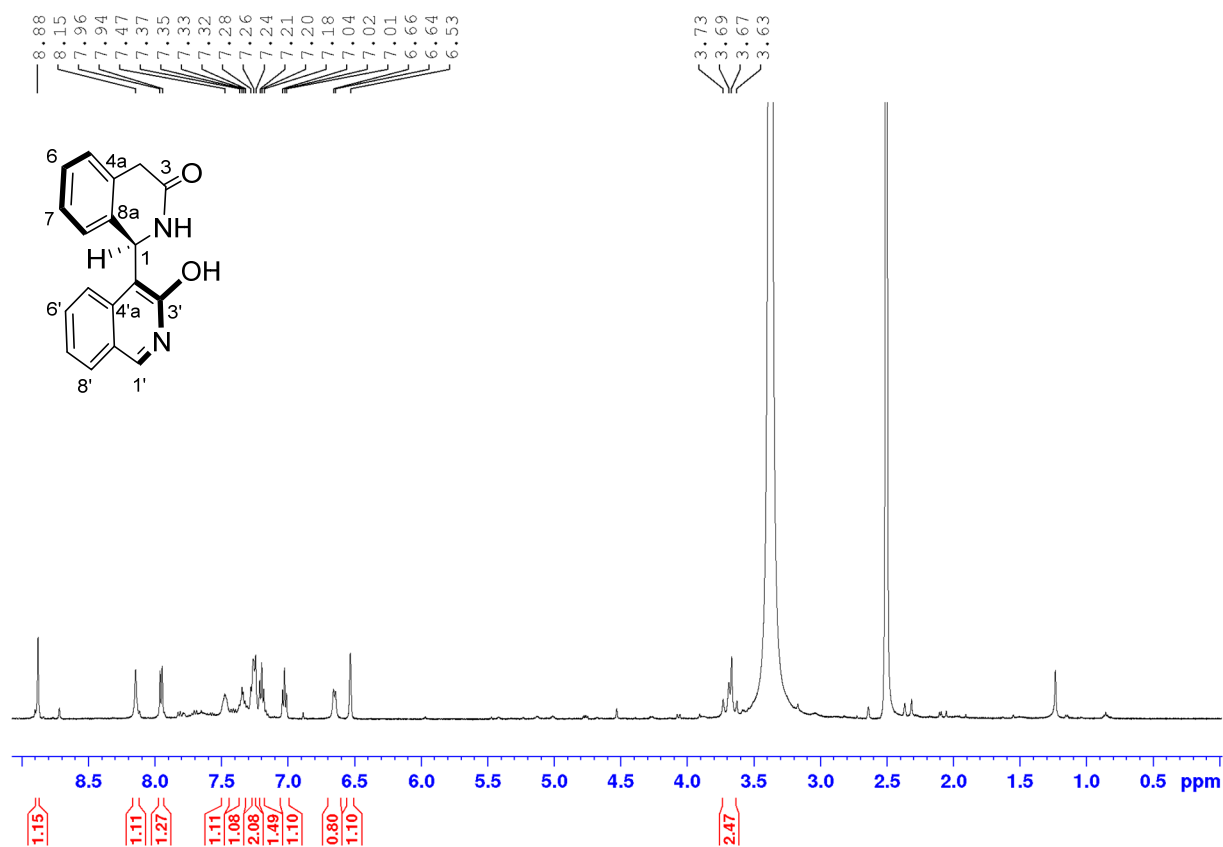


Figure S8. ¹H-NMR spectrum of **11a**

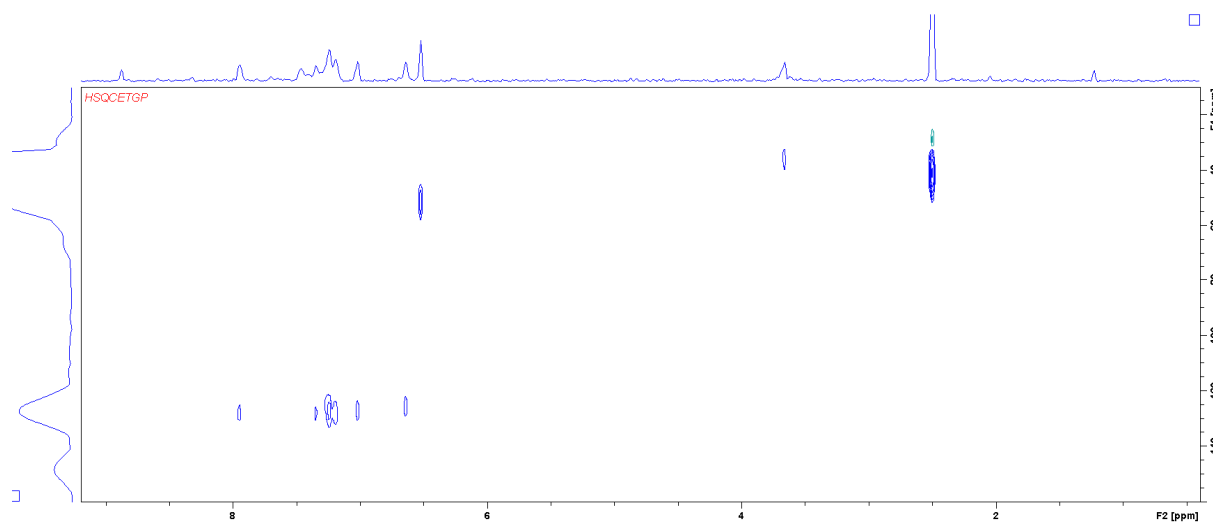


Figure S9. HSQC spectrum of **11a**

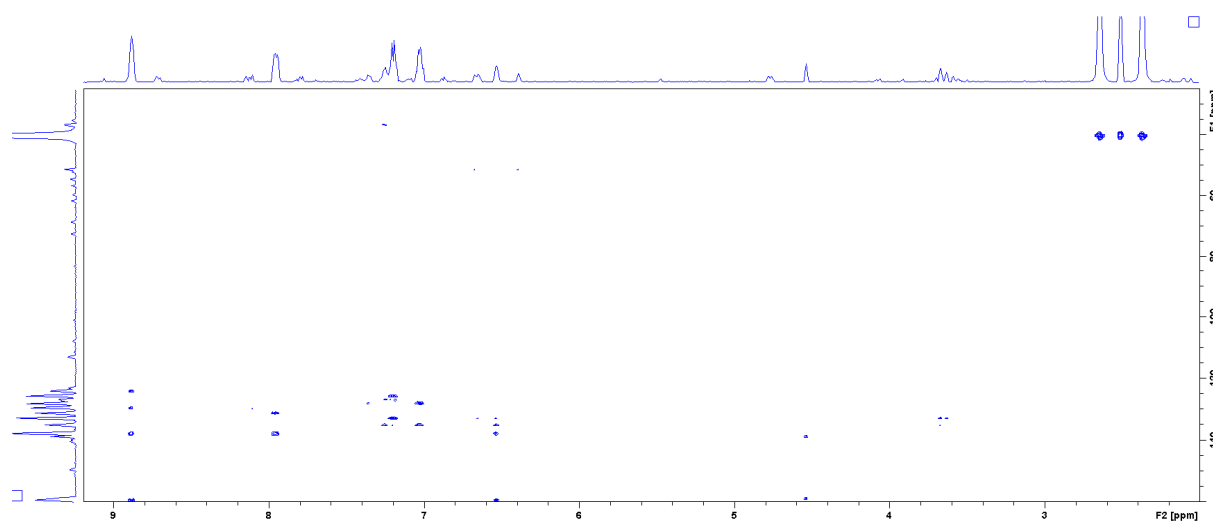


Figure S10. HMBC spectrum of **11a**

4-((Benzyl(methyl)amino)(phenyl)methyl)isoquinolin-3-ol (11b)

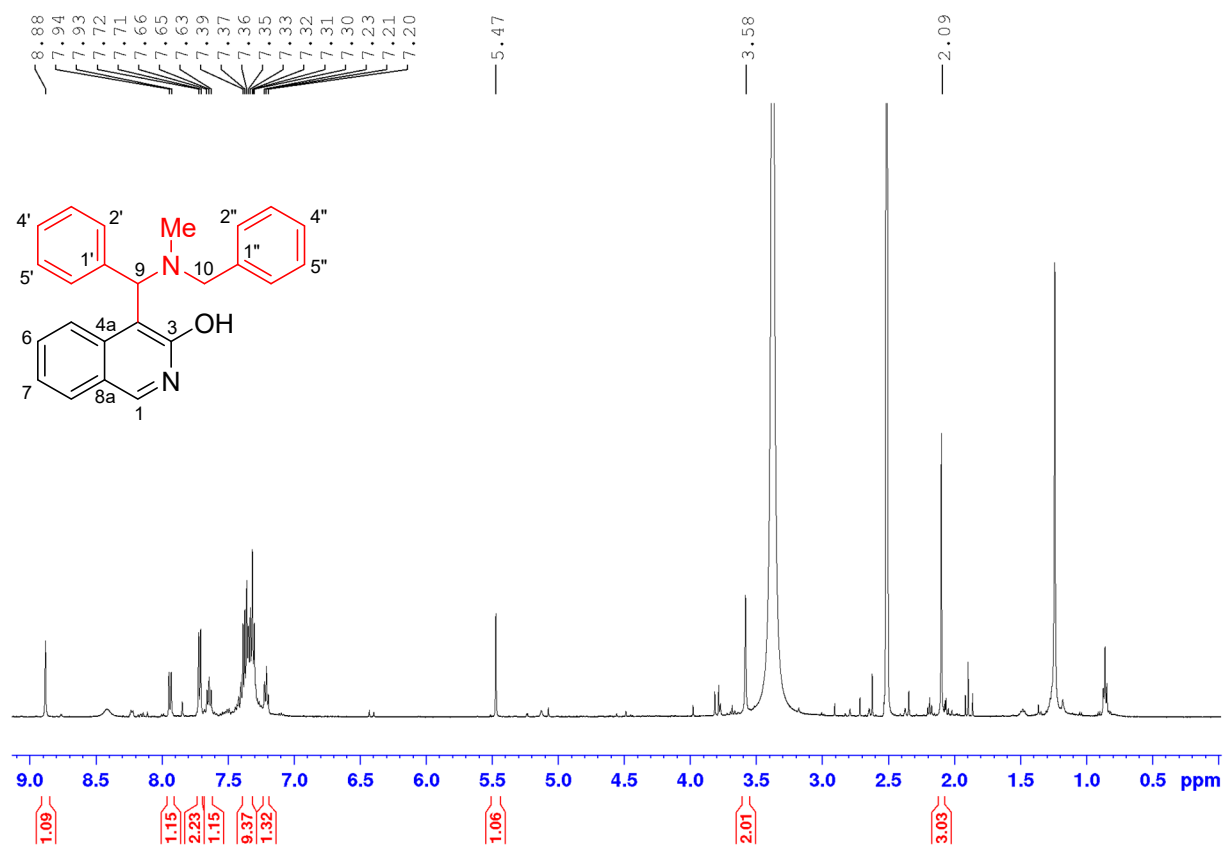


Figure S11. ¹H-NMR spectrum of **11b**

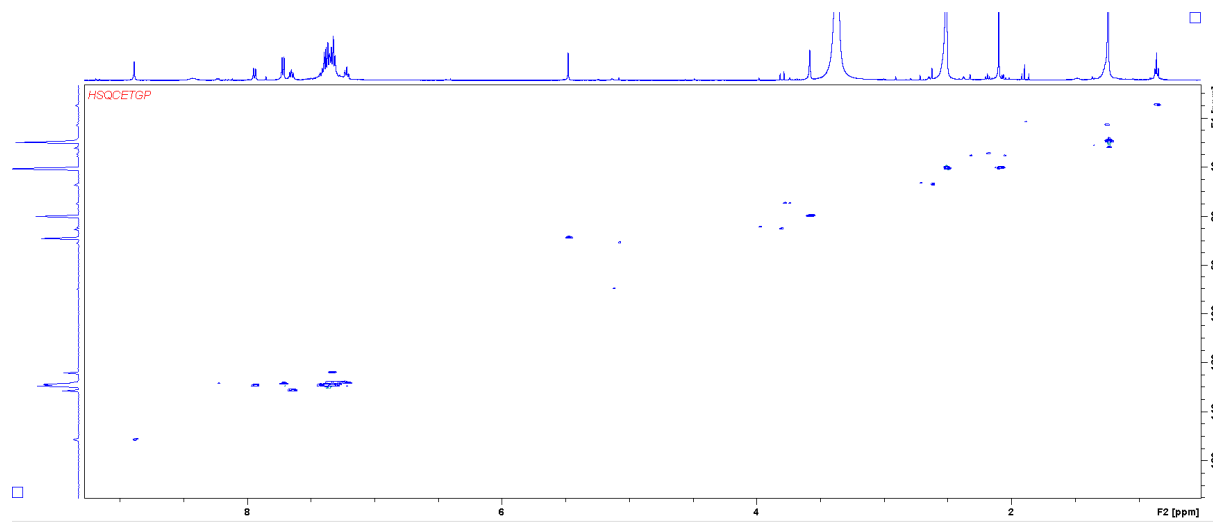


Figure S12. ¹³C-NMR spectrum of **11b**

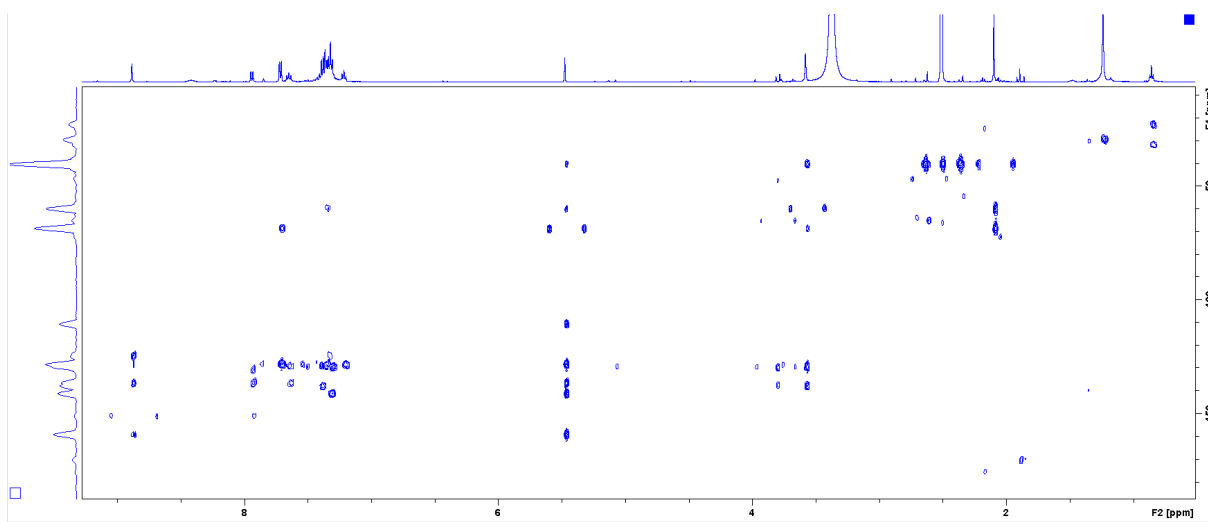


Figure S13. ^{13}C -NMR spectrum of **11b**

1-morpholino-1,2-dihydroisoquinolin-3(4H)-one (18)

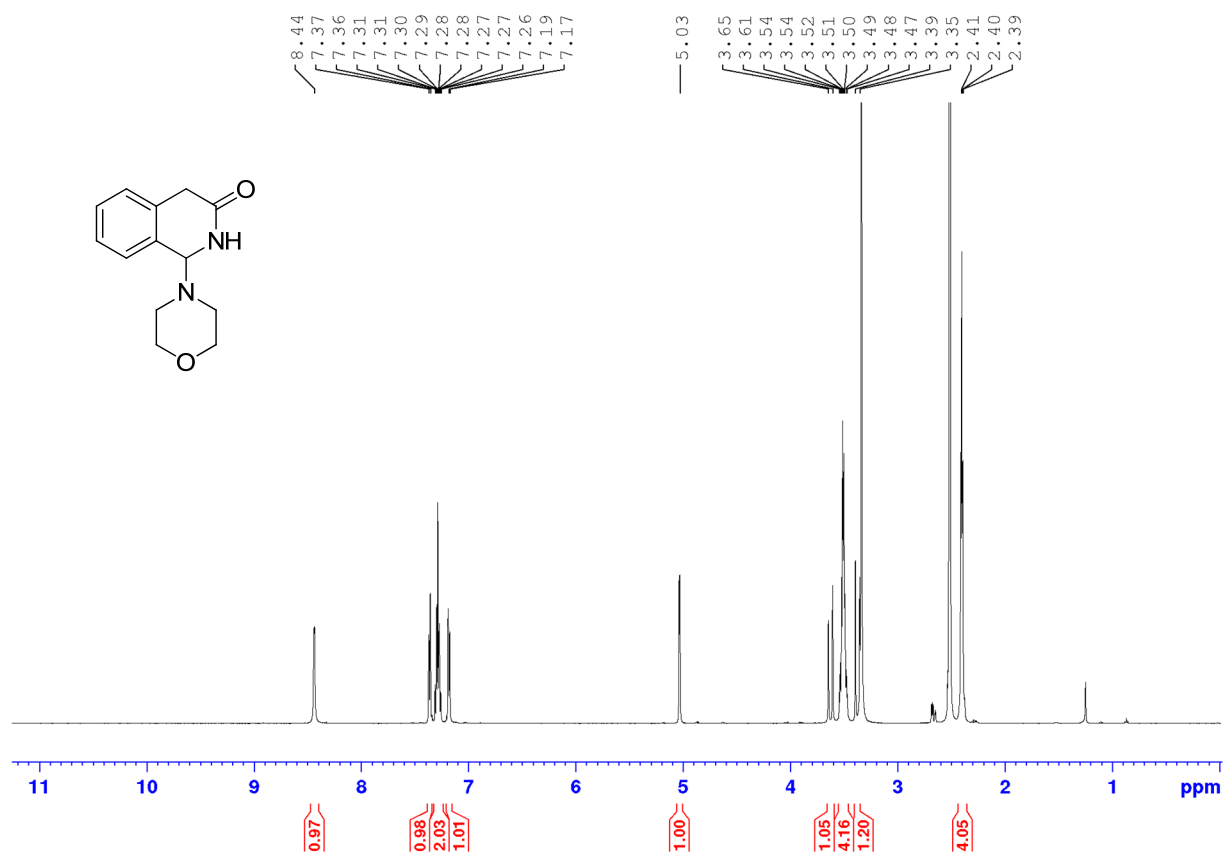


Figure S14. ¹H-NMR spectrum of **18**

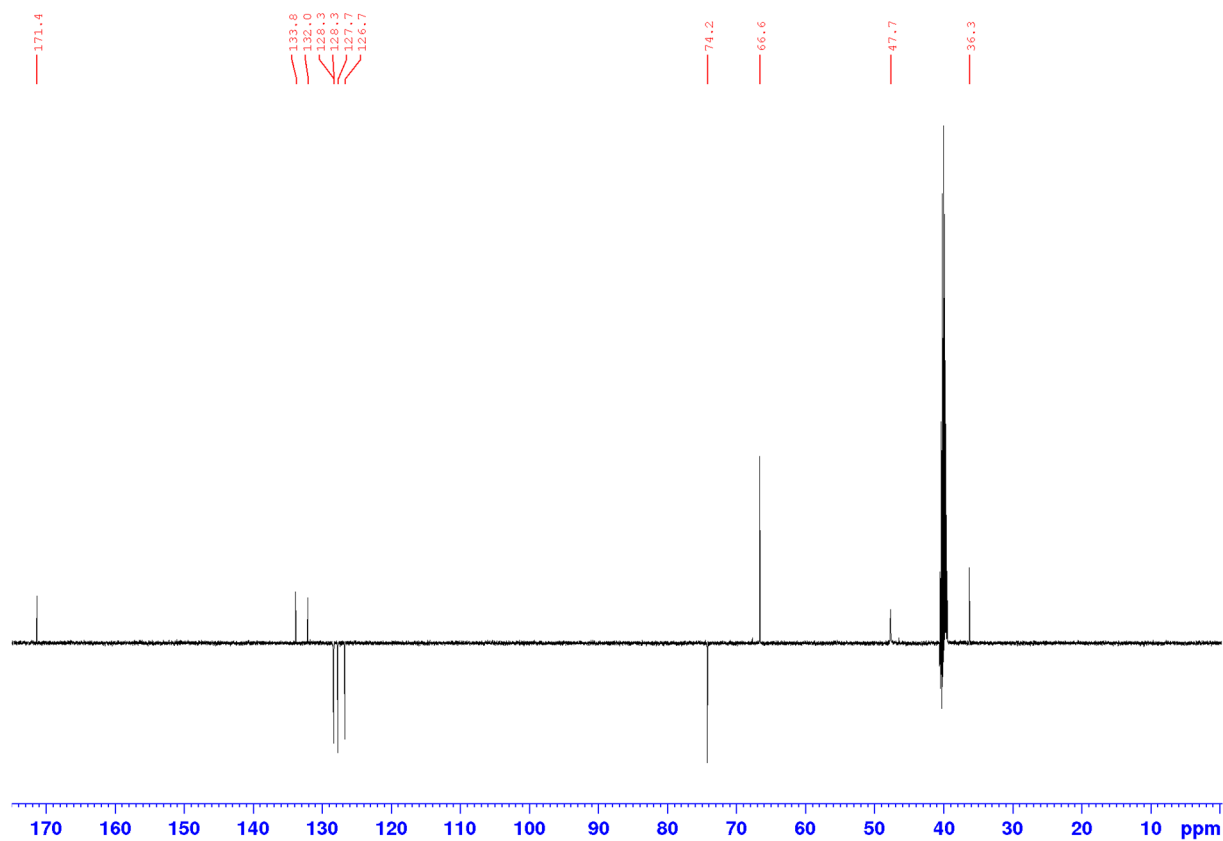


Figure S15. ¹³C-NMR spectrum of **18**

(E)-1-morpholino-4-(naphthalen-1-ylmethylene)-1,2-dihydroisoquinolin-3(4H)-one (23aB)

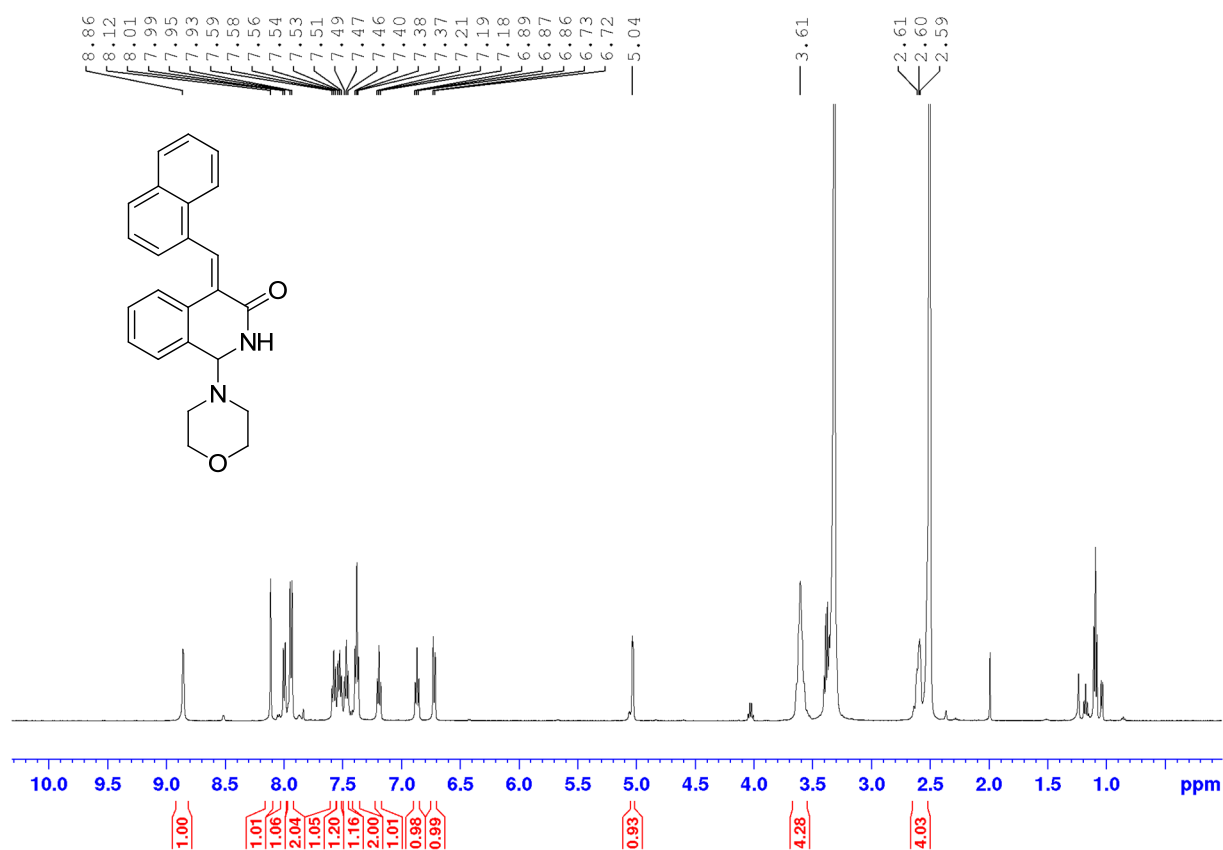


Figure S16. ¹H-NMR spectrum of **23aB**

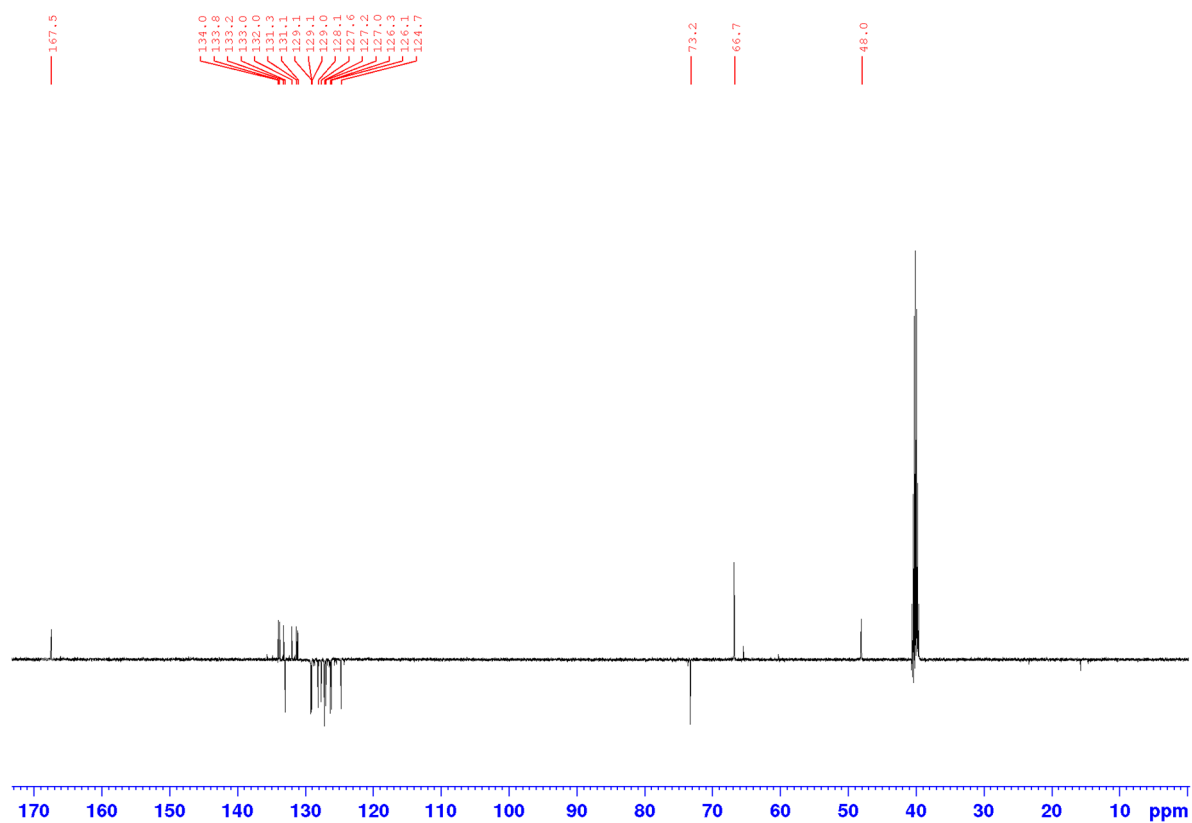


Figure S17. ¹³C-NMR spectrum of **23aB**

4-(morpholino(phenyl)methyl)isoquinolin-3-ol (**23bA**)

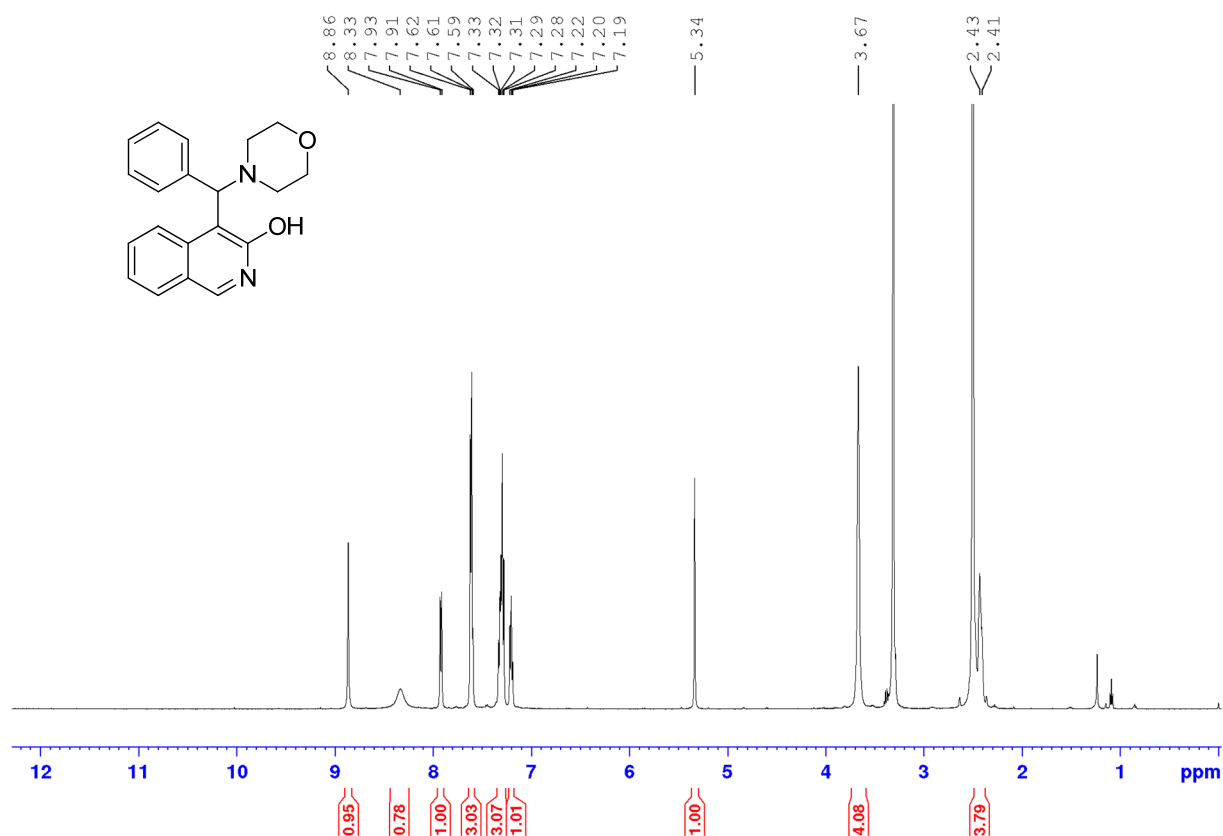


Figure S18. ¹H-NMR spectrum of **23bA**

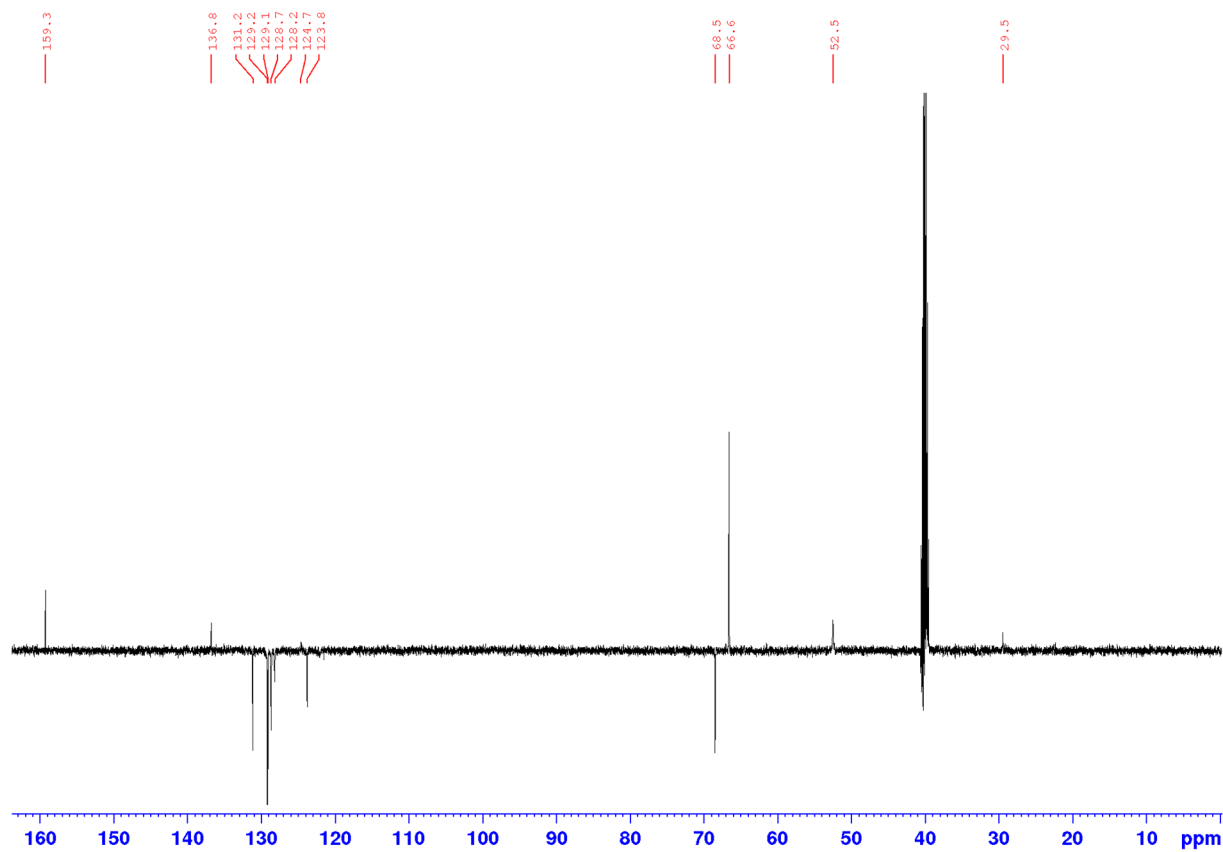


Figure S19. ¹³C-NMR spectrum of **23bA**