

Coordination Ability of 10-EtC(NHPr)=HN-7,8-C₂B₉H₁₁ in the Reactions with Nickel(II) Phosphine Complexes

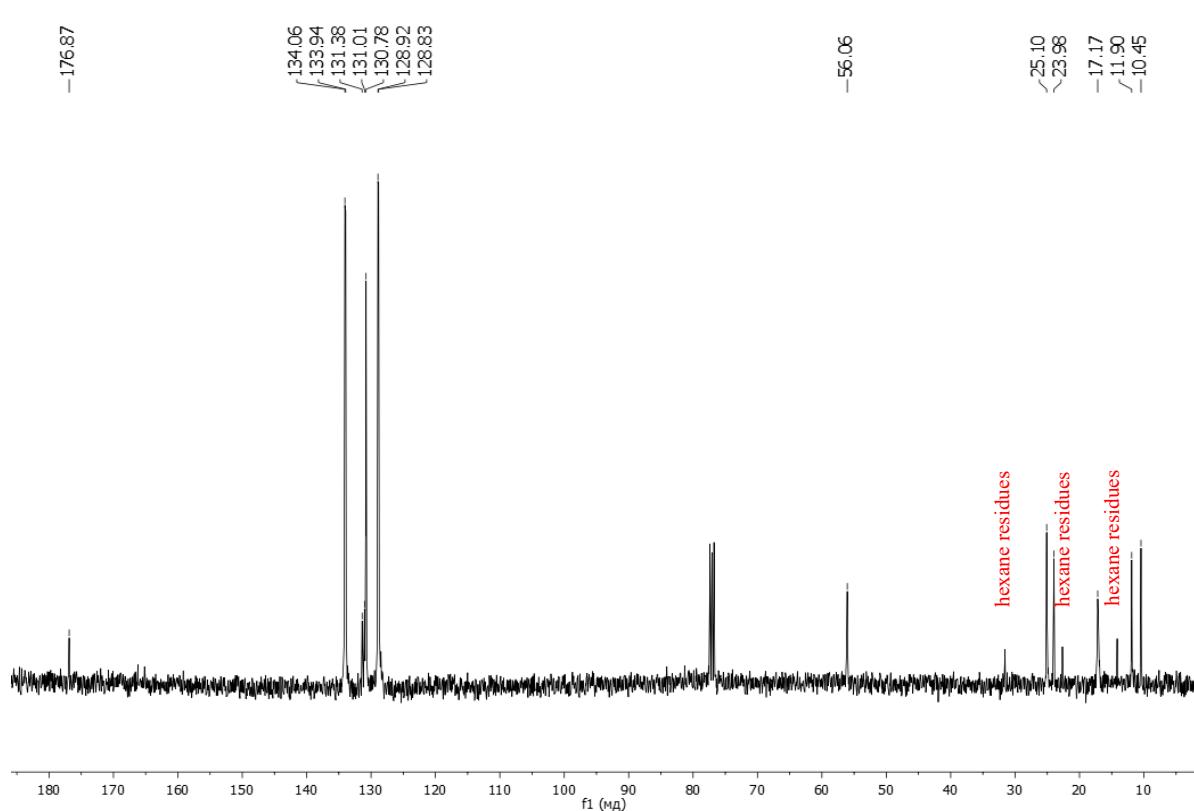
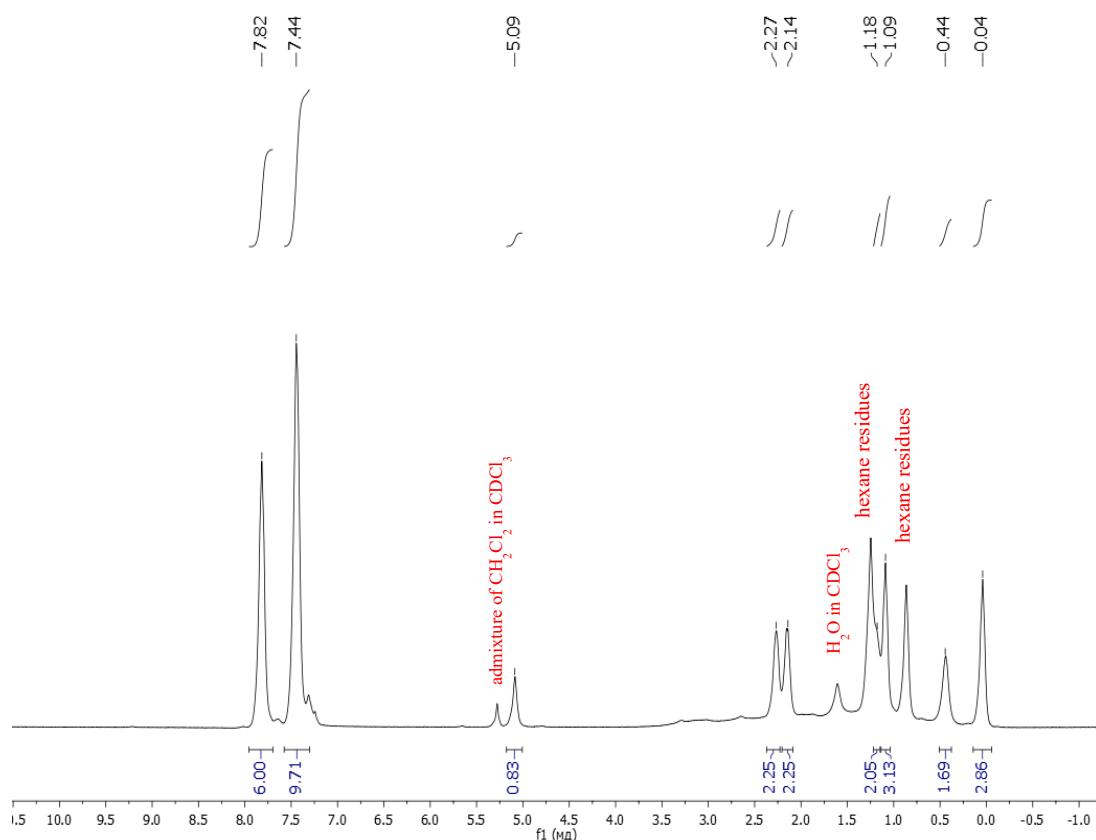
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Spectral data for [3-Ph₃P-3-(8-PrN=C(Et)NH)-*clos*o-3,1,2-NiC₂B₉H₁₀] (2)



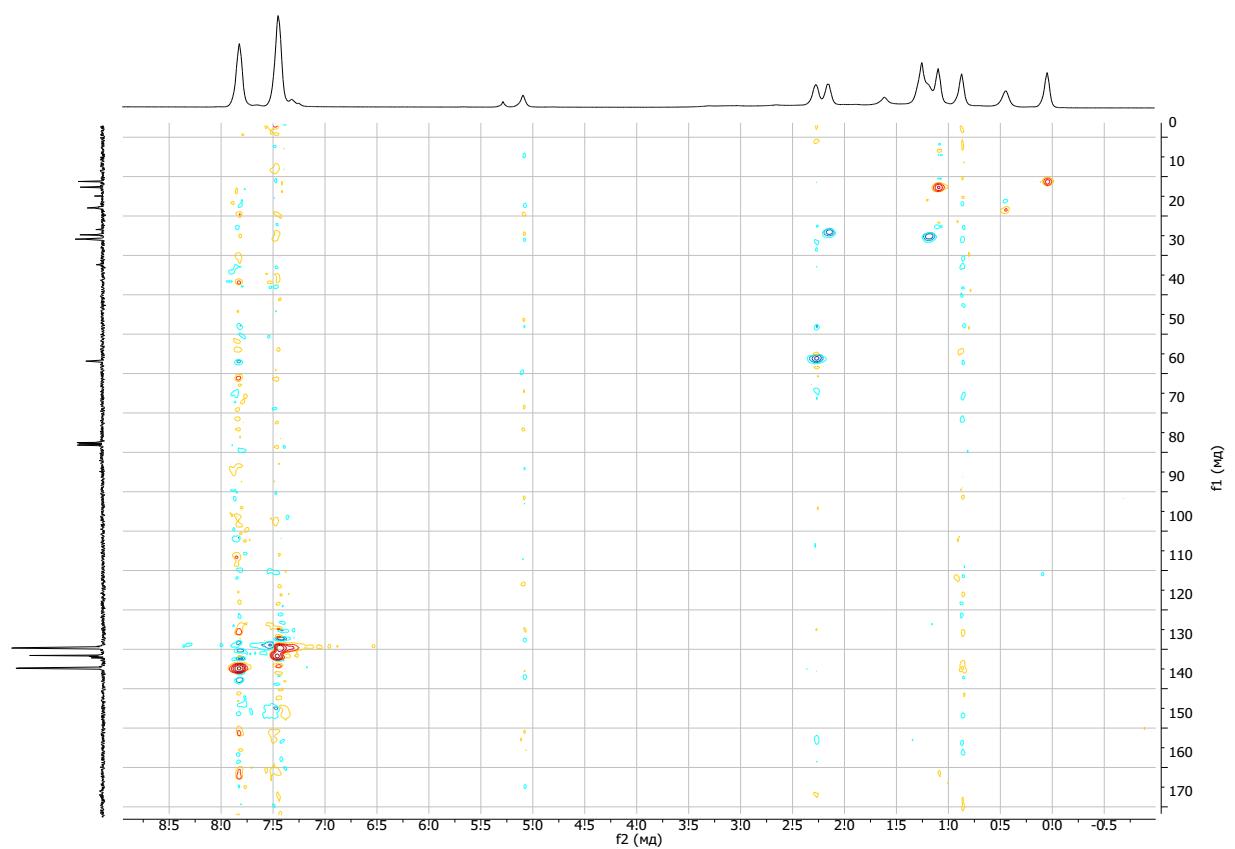


Figure S3. (HC)HSQC NMR spectrum of compound **2** (CDCl_3)

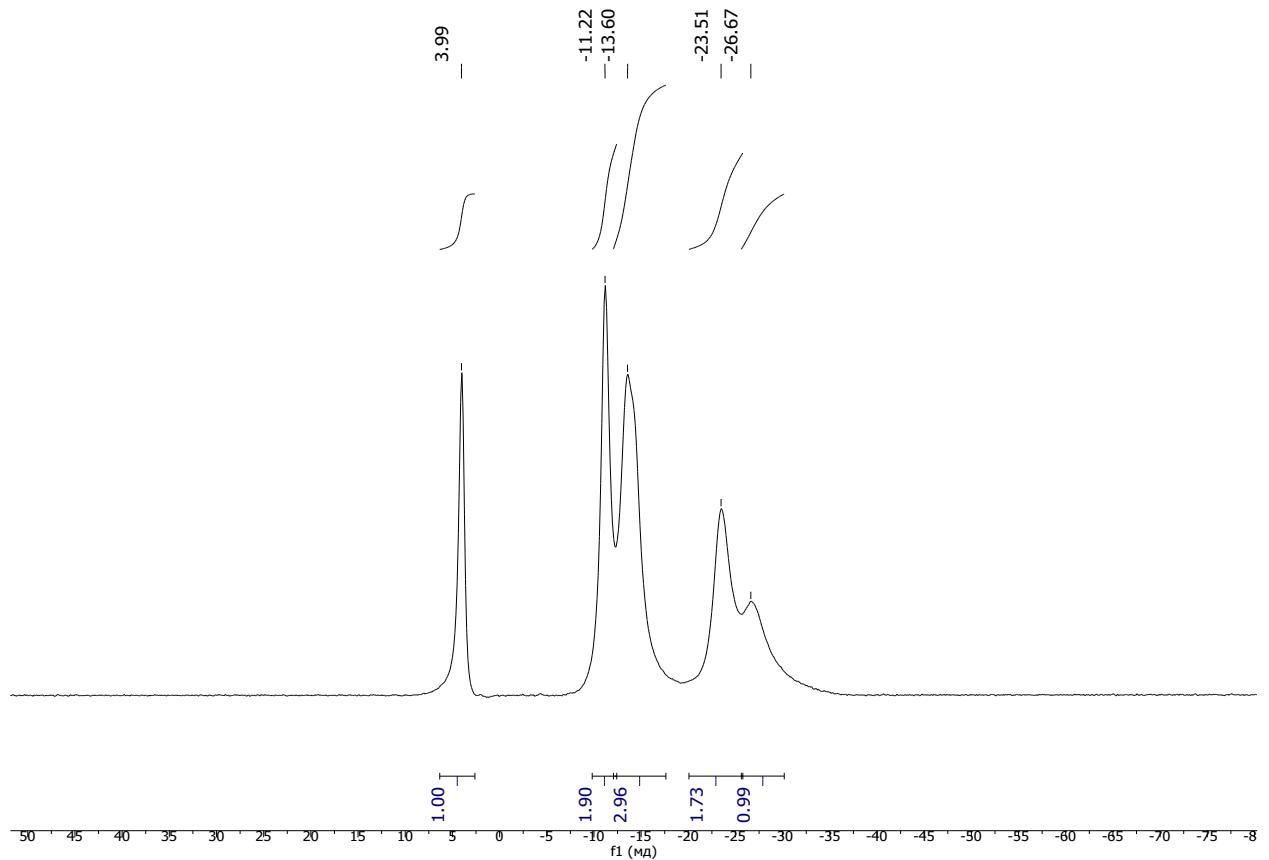


Figure S4. $^{11}\text{B}\{\text{H}\}$ NMR spectrum of compound **2** (CDCl_3)

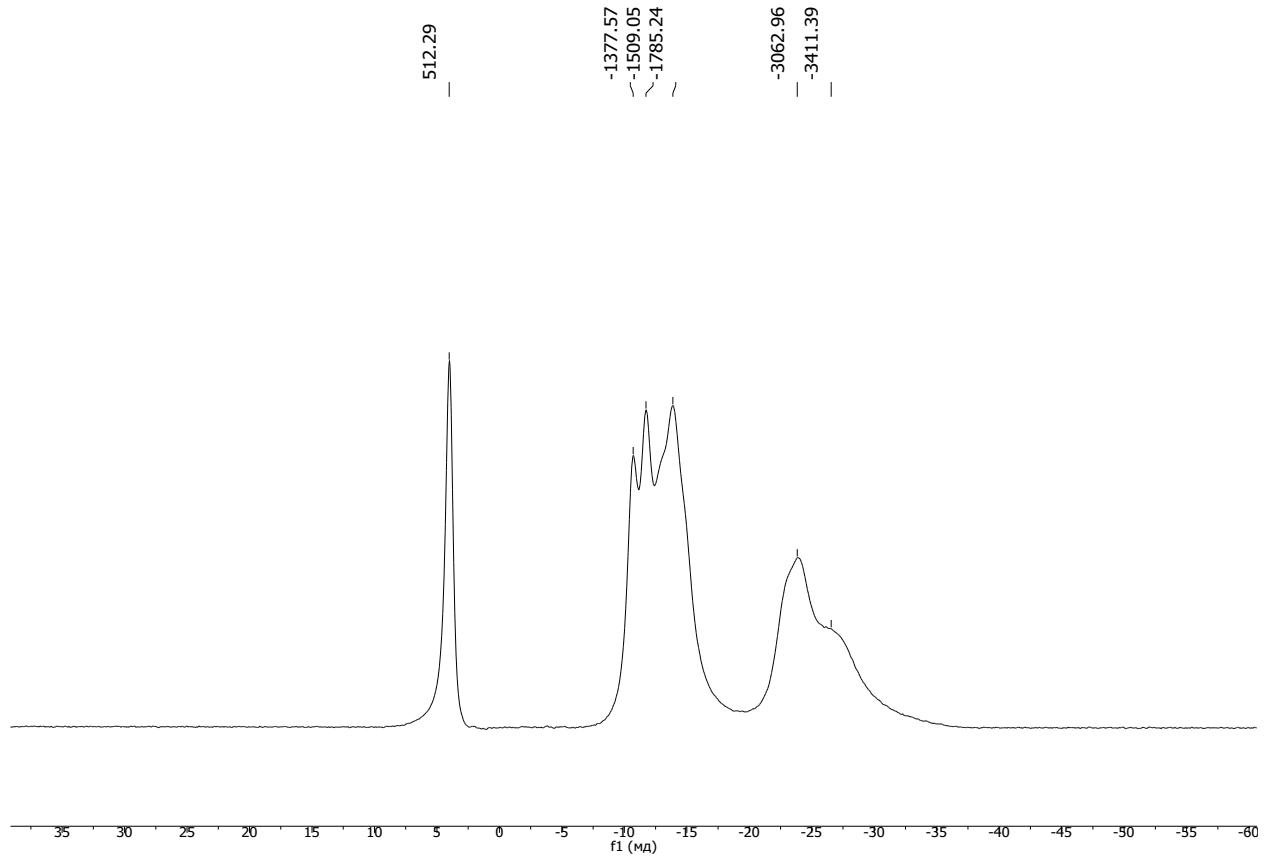


Figure S5. ^{11}B NMR spectrum of compound **2** (CDCl_3)

Spectral data for [3-PhMe₂P-3-(8-PrN=C(Et)NH)-*clos*o-3,1,2-NiC₂B₉H₁₀] (3)

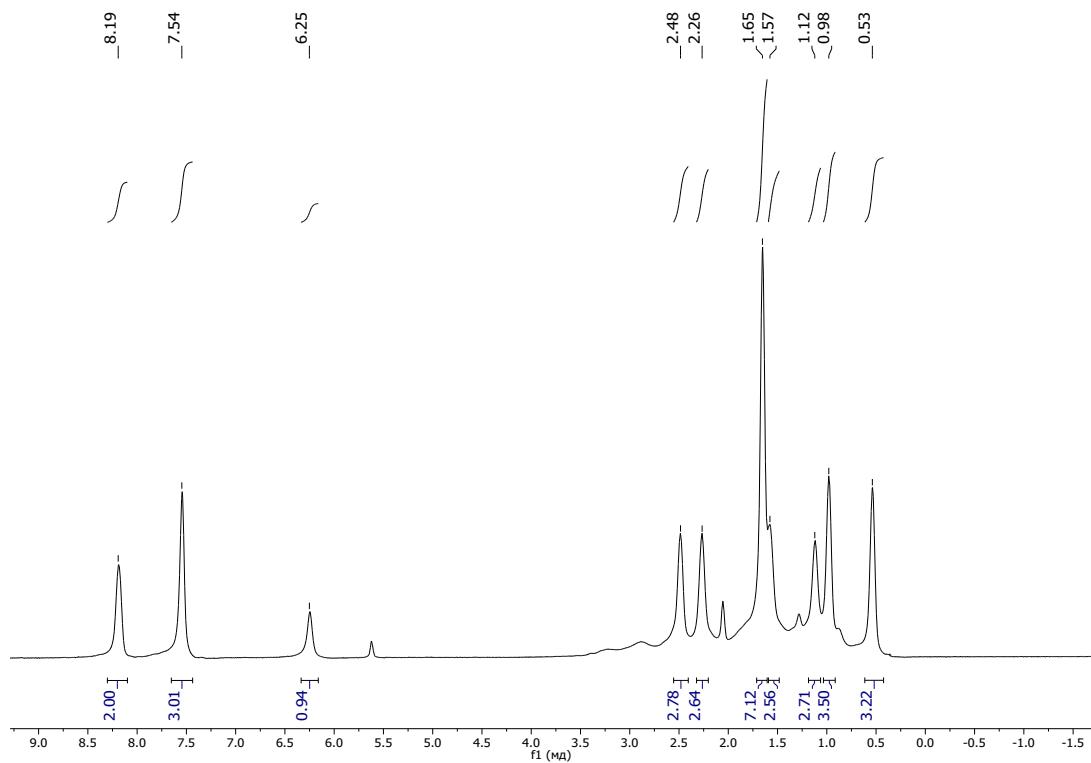


Figure S6. ^1H NMR spectrum of compound 3 (acetone-d₆)

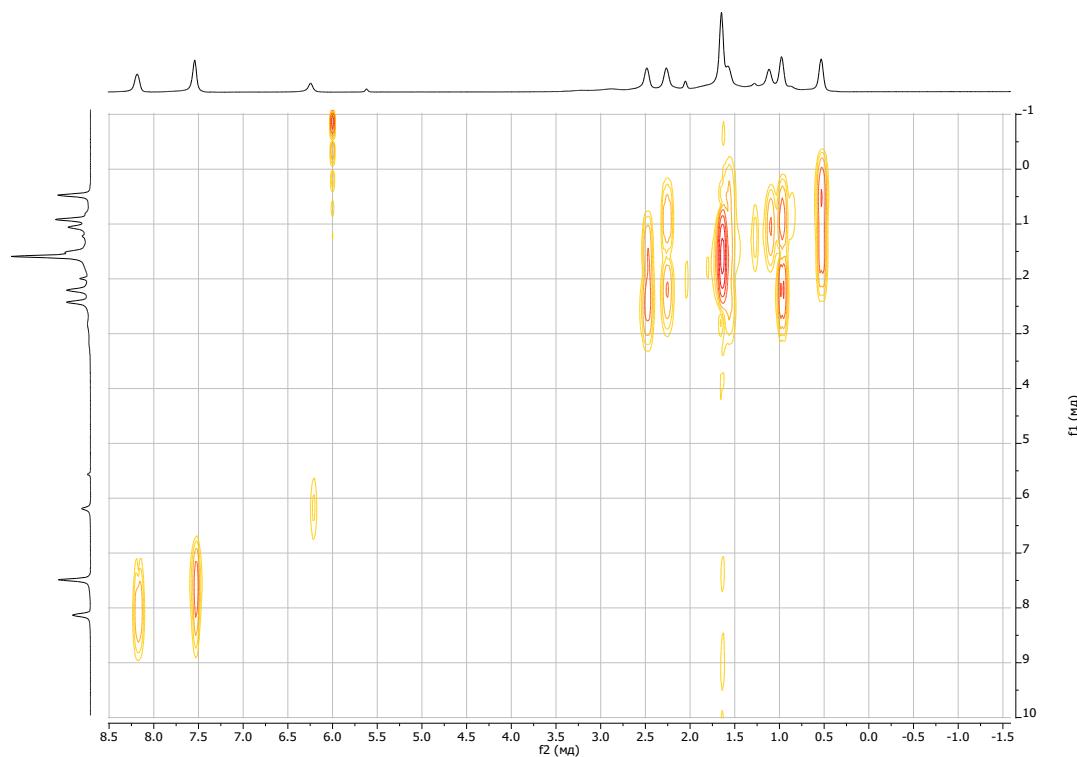


Figure S7. (HH)COSY NMR spectrum of compound 3 (acetone-d₆)

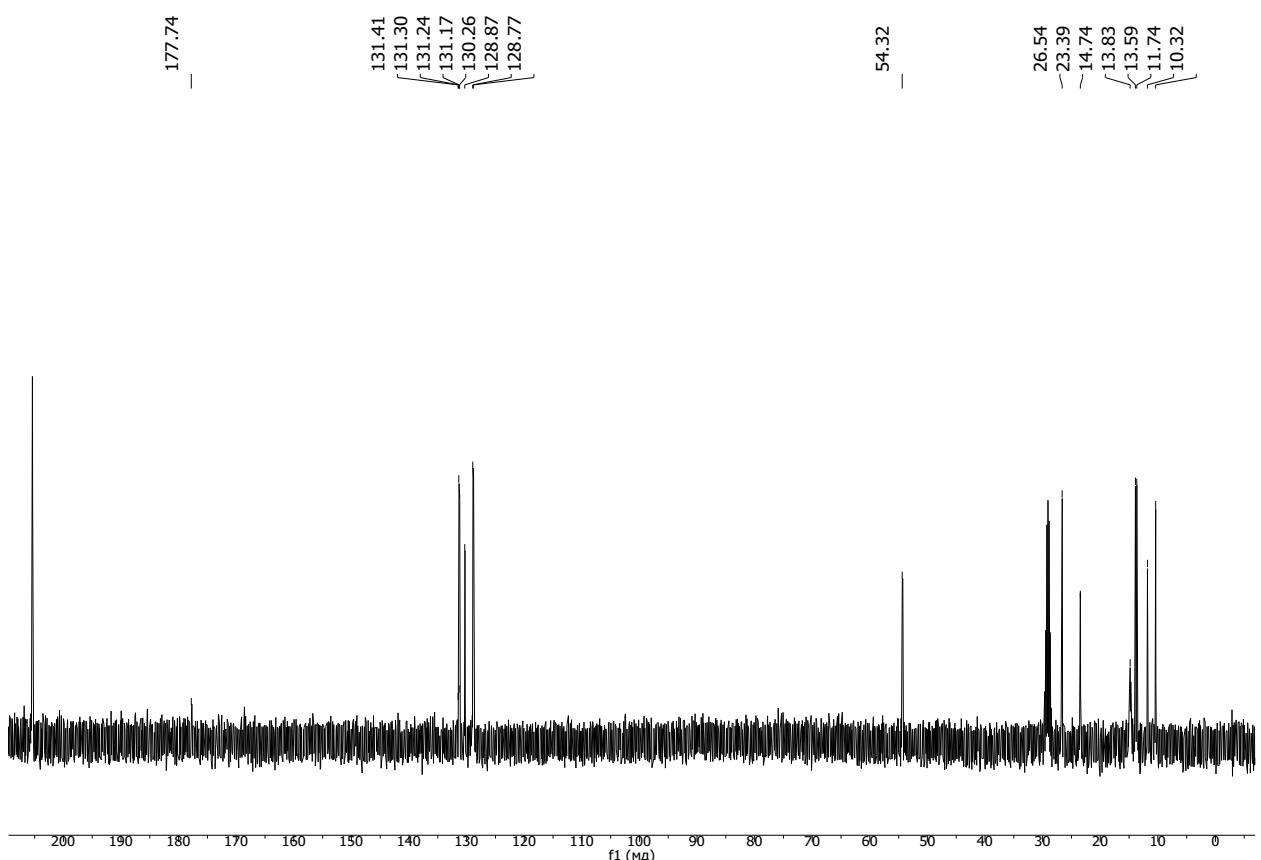


Figure S8. ^{13}C NMR spectrum of compound 3 (acetone- d_6)

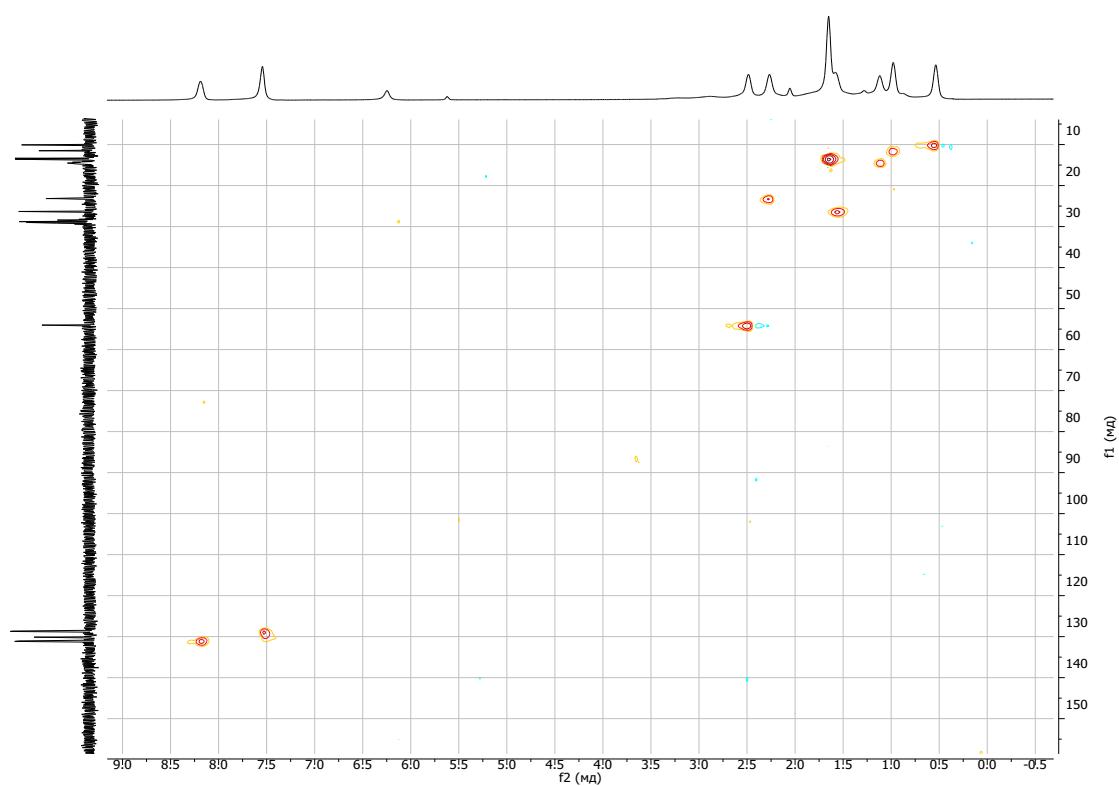


Figure S9. (HC)HSQC NMR spectrum of compound 3 (acetone- d_6)

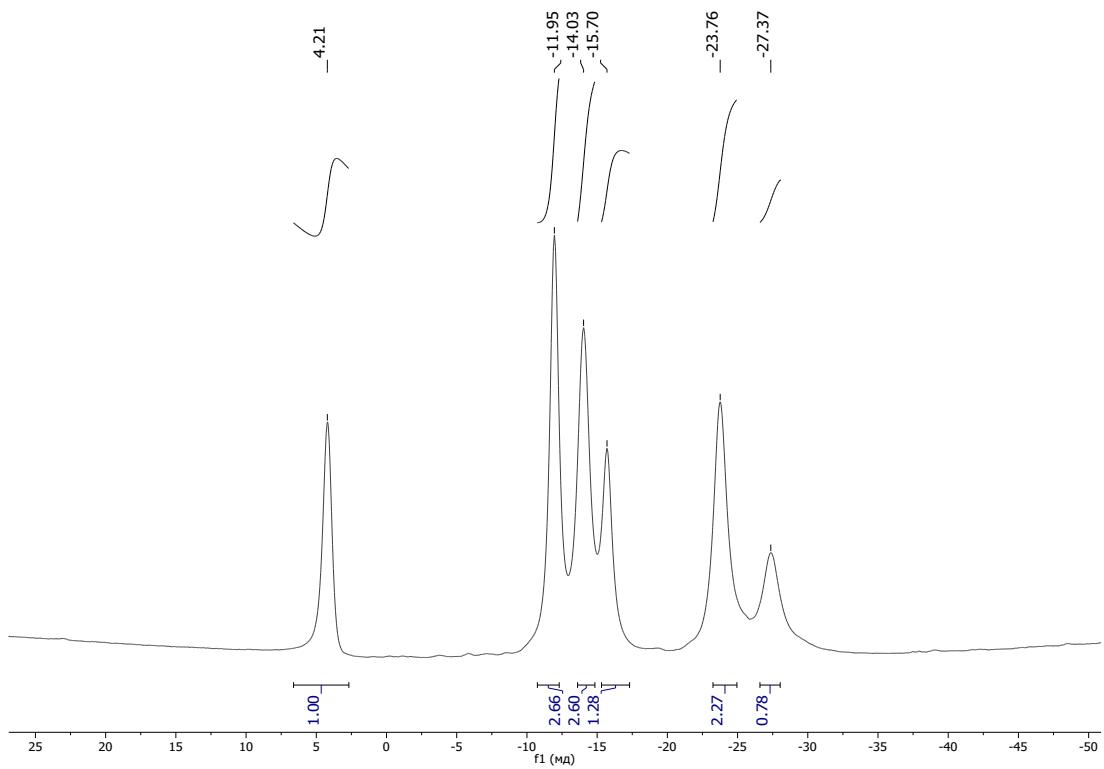


Figure S10. $^{11}\text{B}\{\text{H}\}$ NMR spectrum of compound 3 (acetone- d_6)

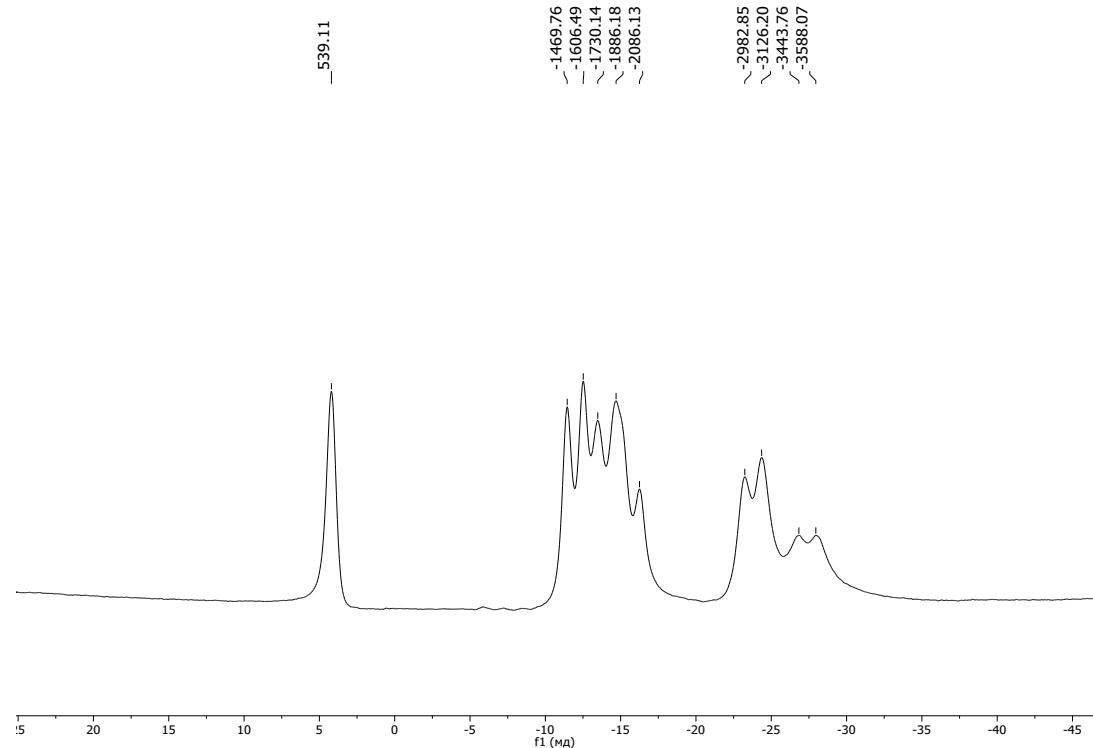


Figure S11. ^{11}B NMR spectrum of compound 3 (acetone- d_6)

Spectral data for [3-Bu₃P-3-(8-PrN=C(Et)NH)-*clos*o-3,1,2-NiC₂B₉H₁₀] (4)

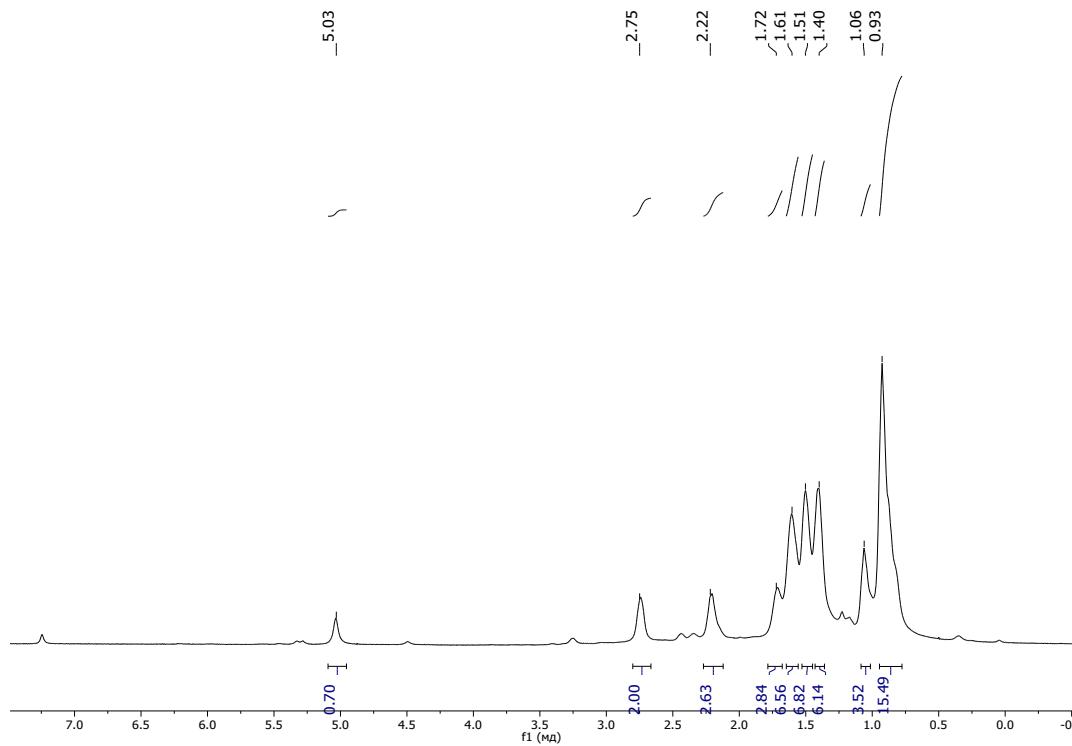


Figure S12. ^1H NMR spectrum of compound 4 (CDCl_3)

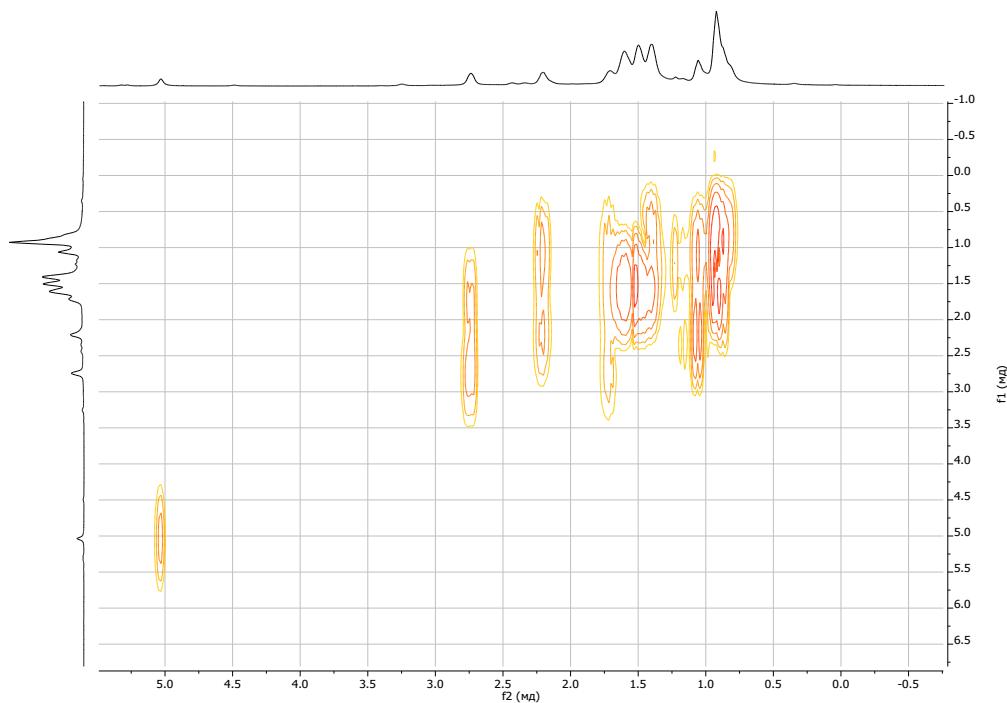


Figure S13. (HH)COSY NMR spectrum of compound 4 (CDCl_3)

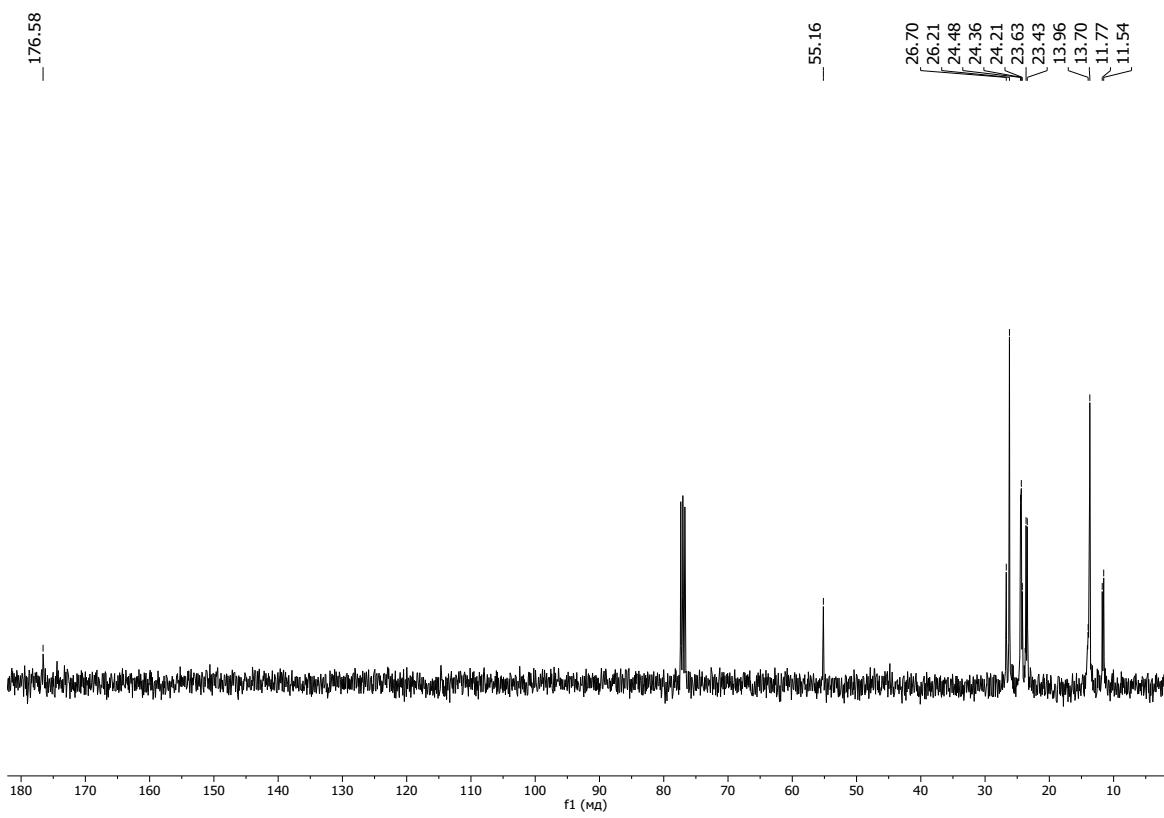


Figure S14. ^{13}C NMR spectrum of compound 4 (CDCl_3)

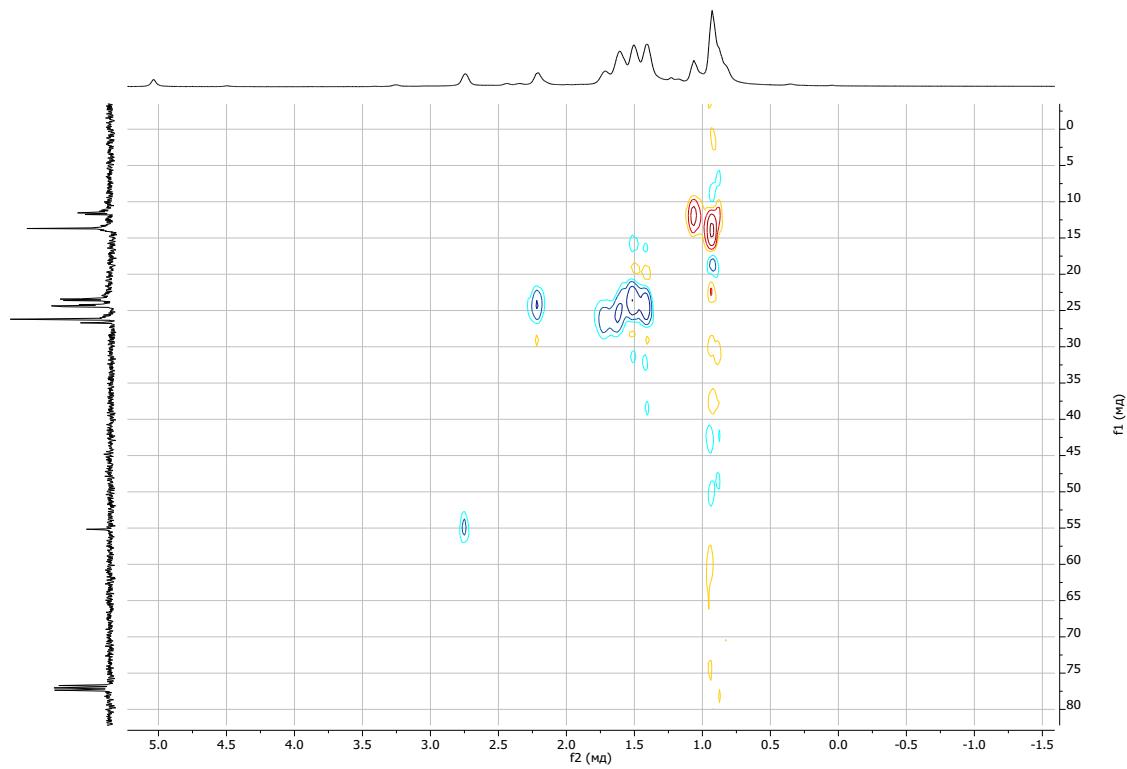


Figure S15. (HC)HSQC NMR spectrum of compound 4 (CDCl_3)

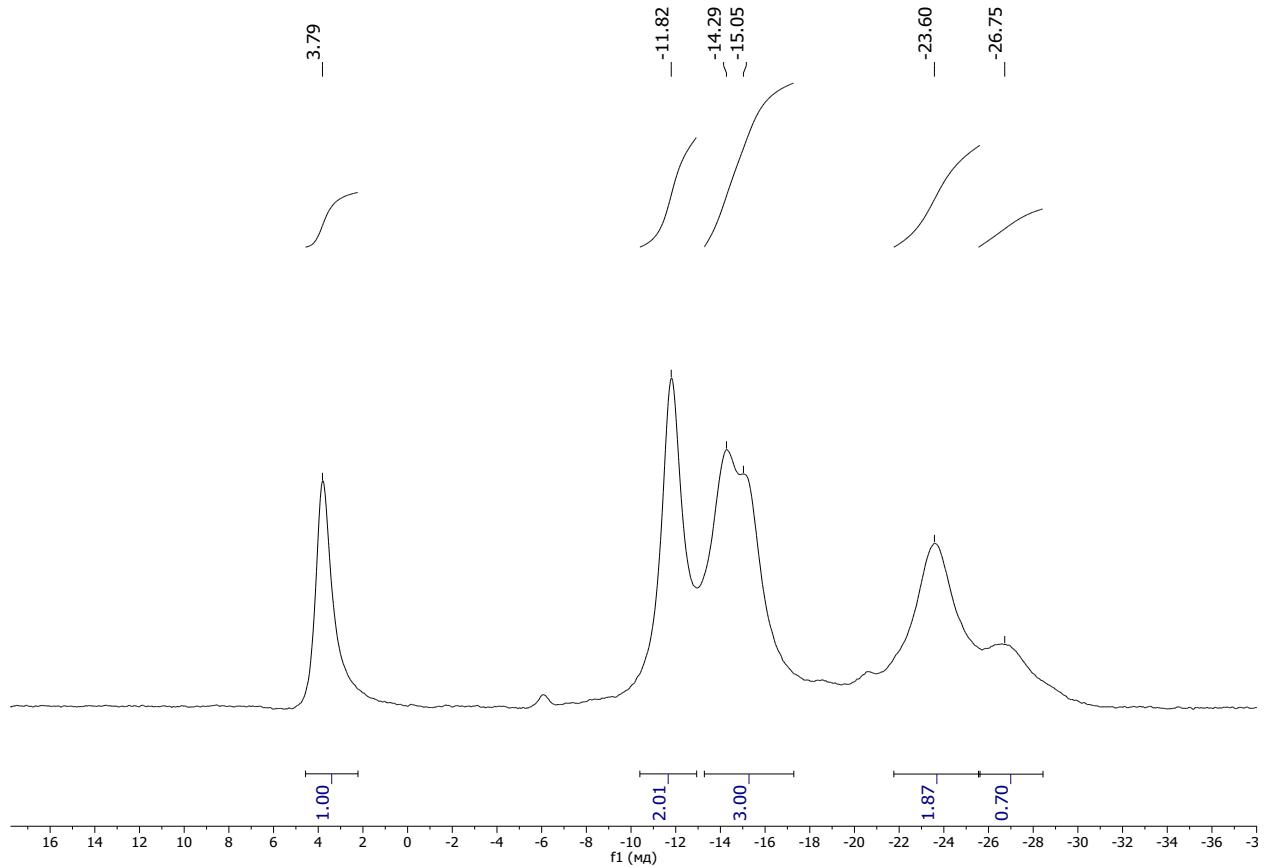


Figure S16. $^{11}\text{B}\{^1\text{H}\}$ NMR spectrum of compound 4 (CDCl_3)

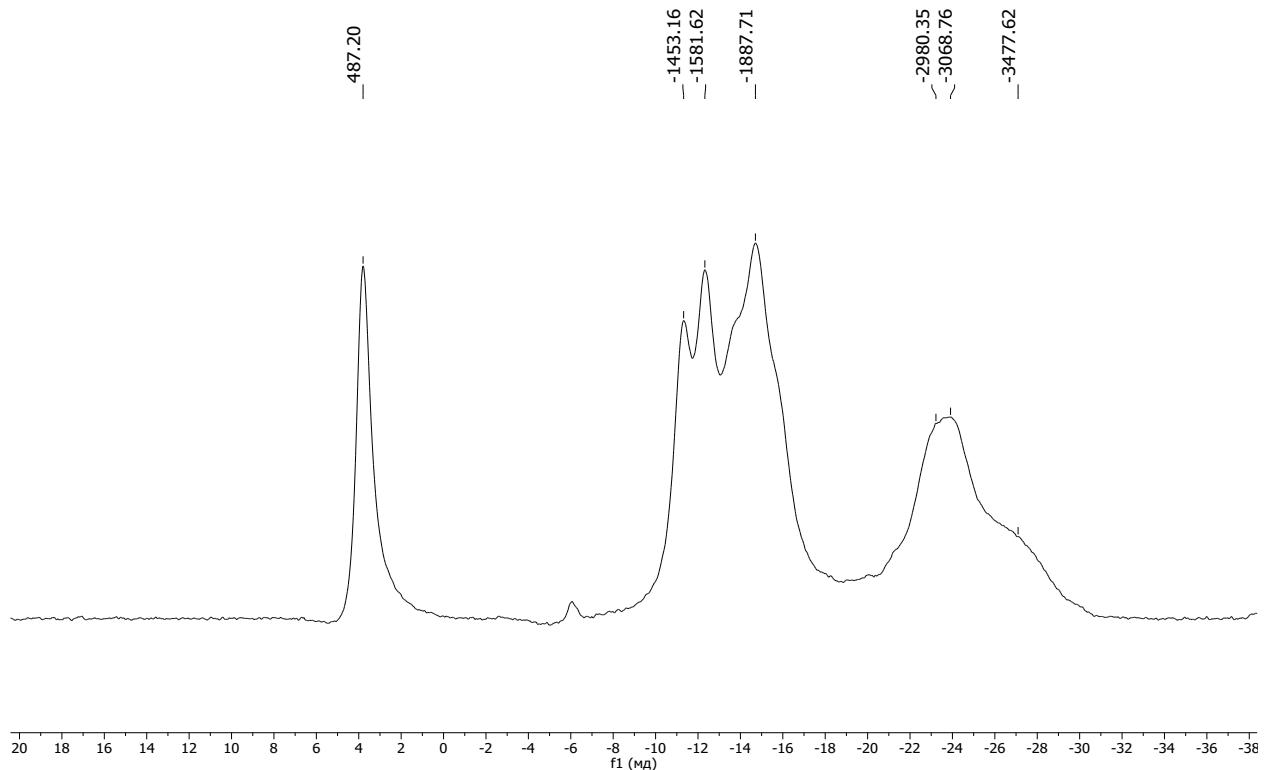


Figure S17. ^{11}B NMR spectrum of compound 4 (CDCl_3)

Spectral data for [3-Cl-3-Ph₃P-8-PrN=C(Et)NH-*clos*-3,1,2-NiC₂B₉H₁₀] (5**)**

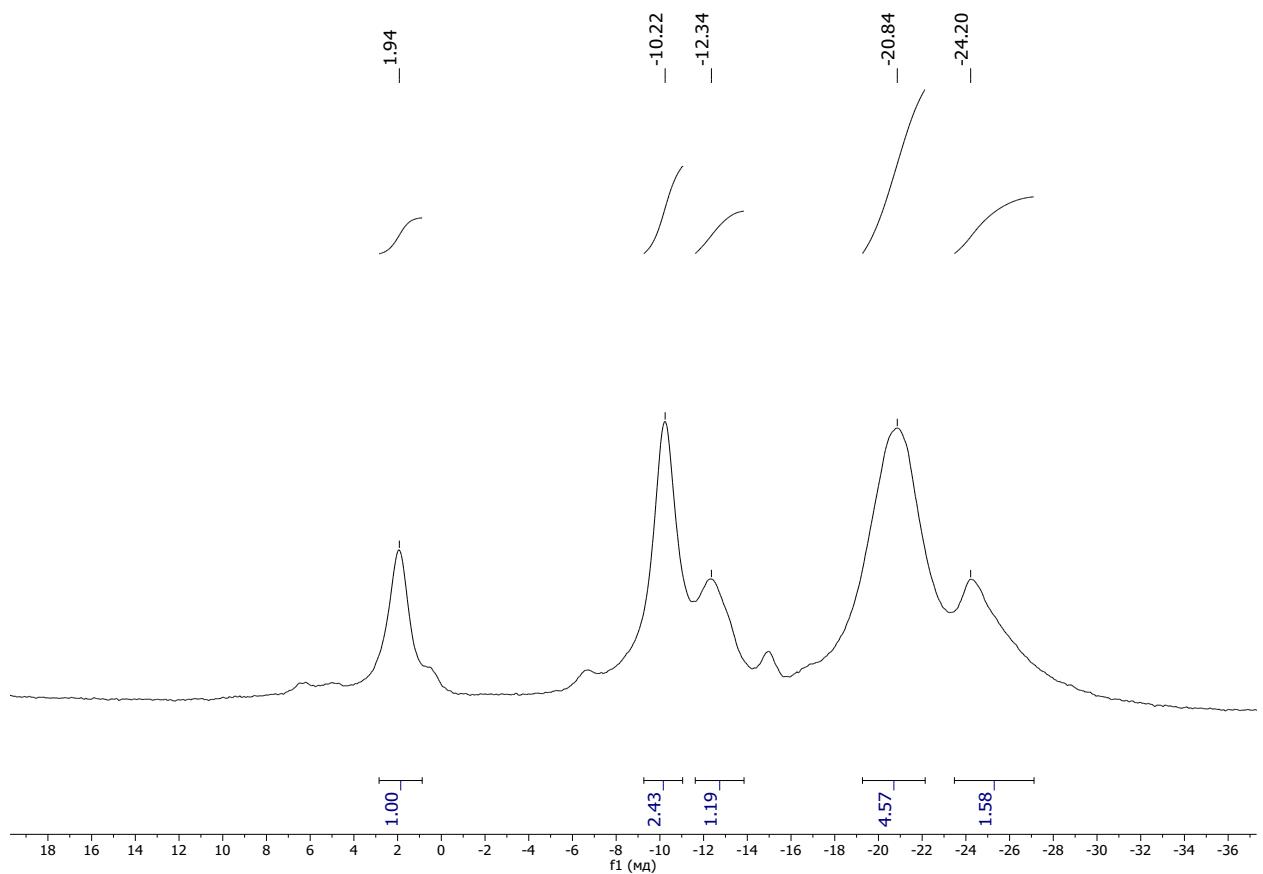


Figure S18. ¹¹B{¹H} NMR spectrum of compound **5** (CDCl₃)

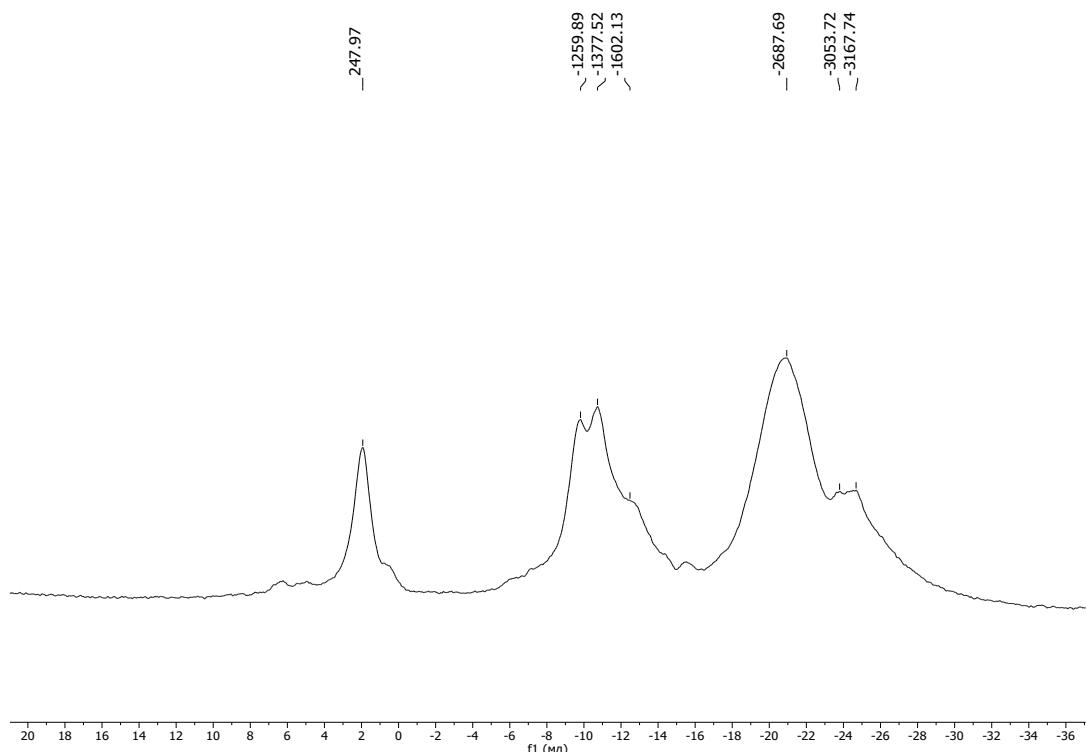


Figure S19. ¹¹B NMR spectrum of compound **5** (CDCl₃)

Spectral data for [3-Cl-3-PhMe₂P-8-PrN=C(Et)NH-*clos*o-3,1,2-NiC₂B₉H₁₀] (6)

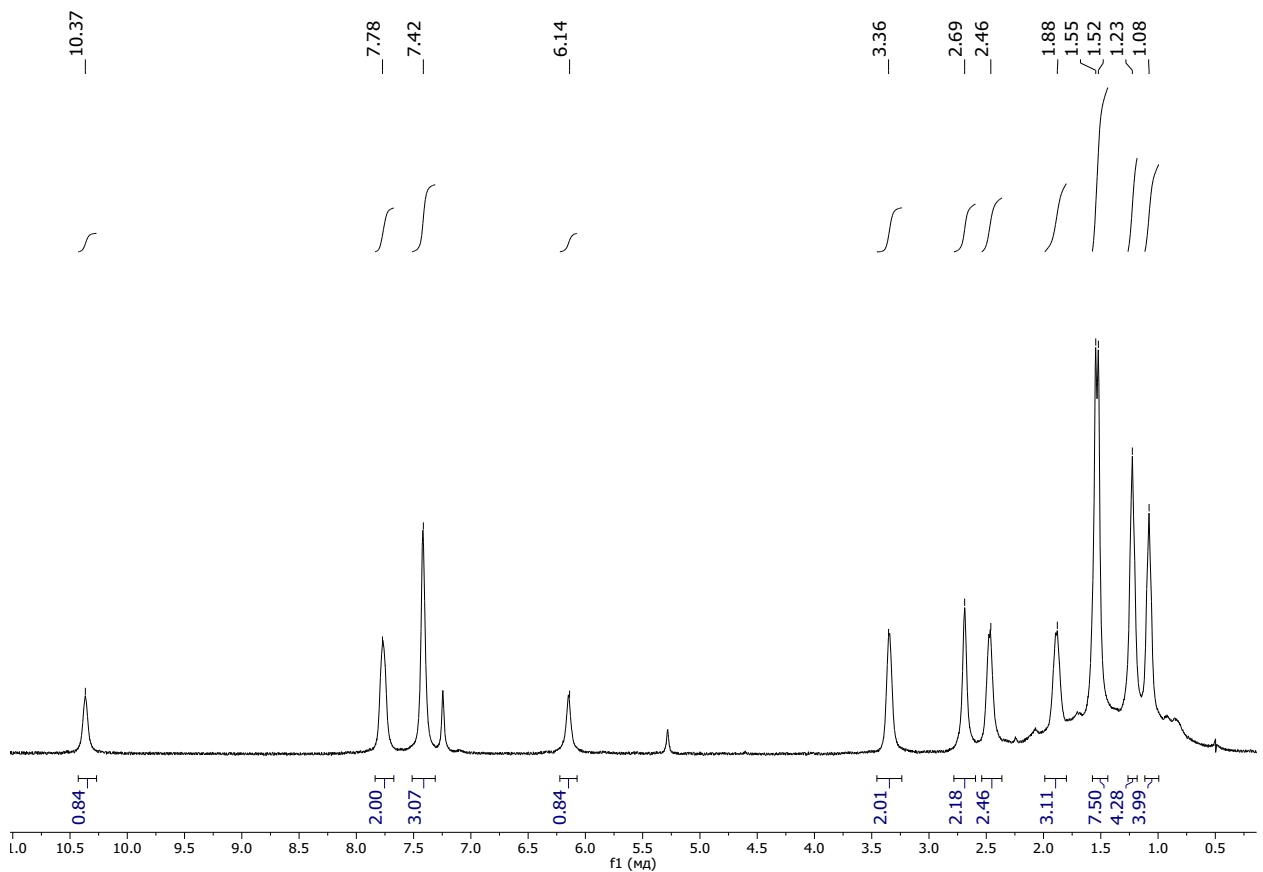


Figure S20. ^1H NMR spectrum of compound 6 (CDCl_3)

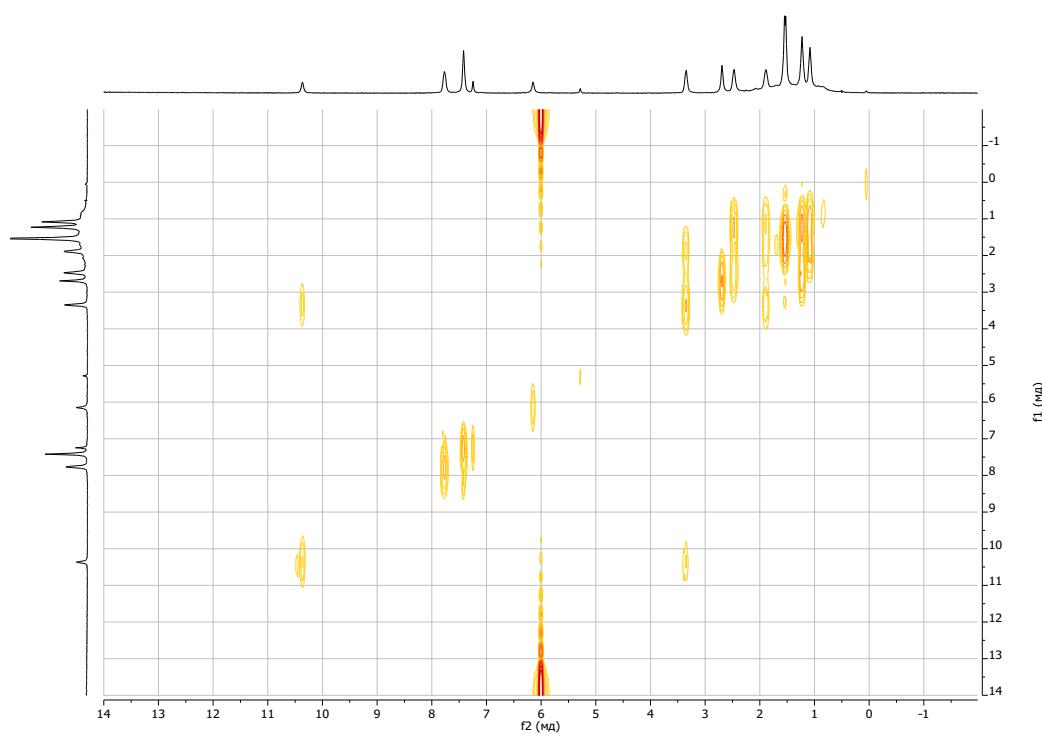


Figure S21. (HH)COSY NMR spectrum of compound 6 (CDCl_3)

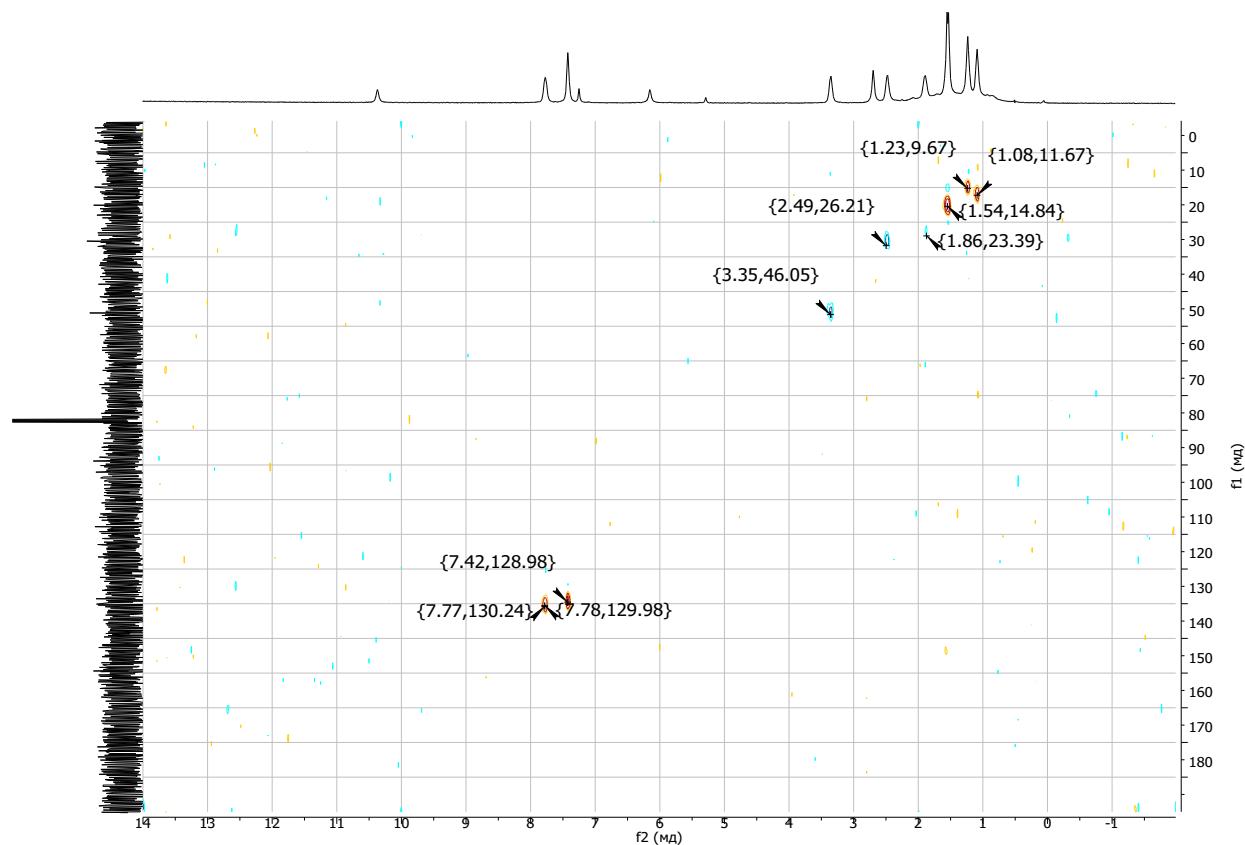


Figure S22. (HC)HSQC NMR spectrum of compound 6 (CDCl_3)

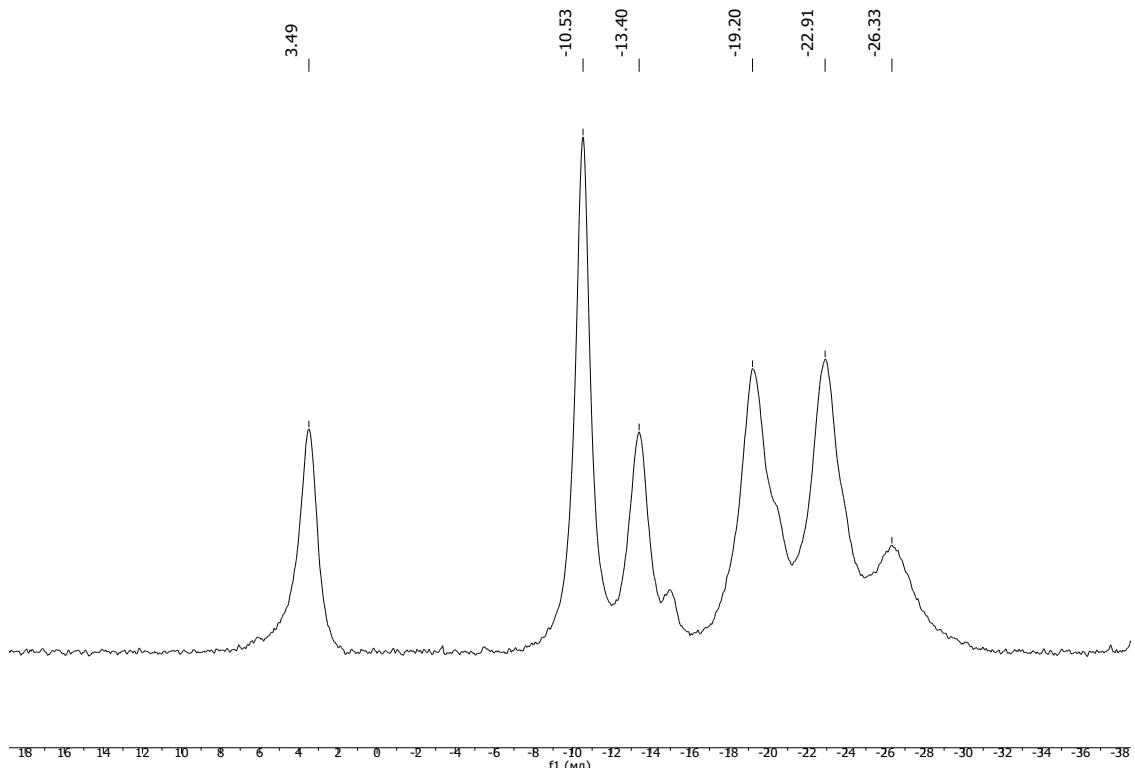


Figure S23. $^{11}\text{B}\{\text{H}\}$ NMR spectrum of compound 6 (CDCl_3)

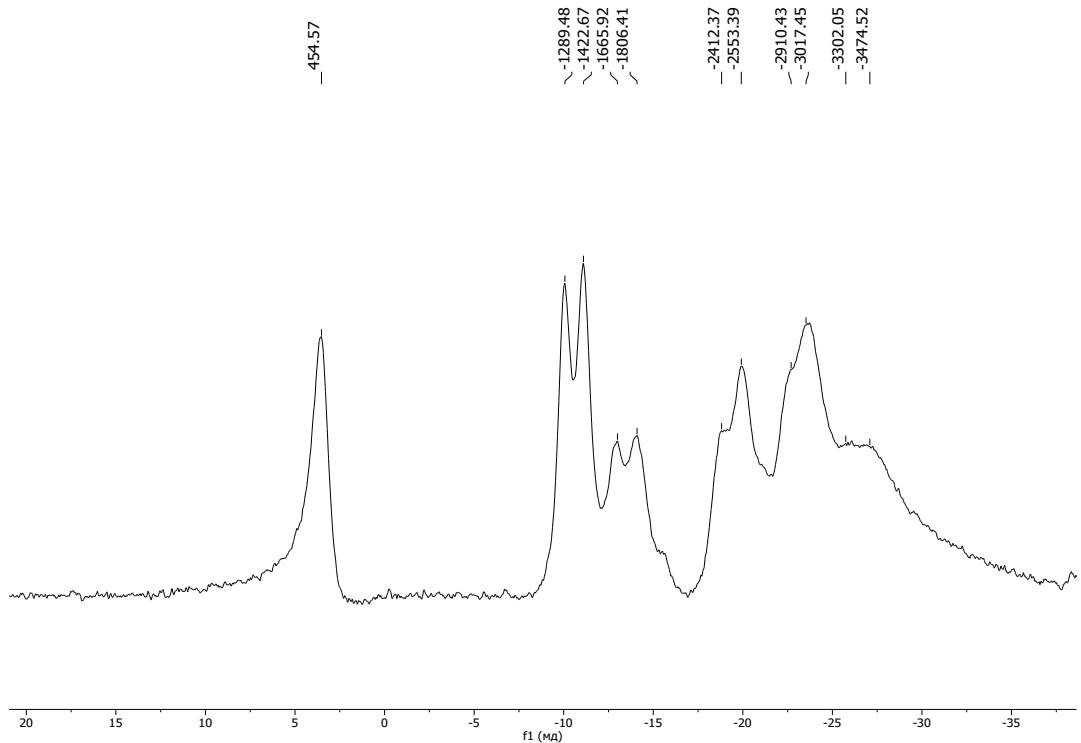


Figure S24. ^{11}B NMR spectrum of compound **6** (CDCl_3)

Spectral data for [3-Cl-3-Bu₃P-8-PrN=C(Et)NH-*clos*-3,1,2-NiC₂B₉H₁₀] (7)

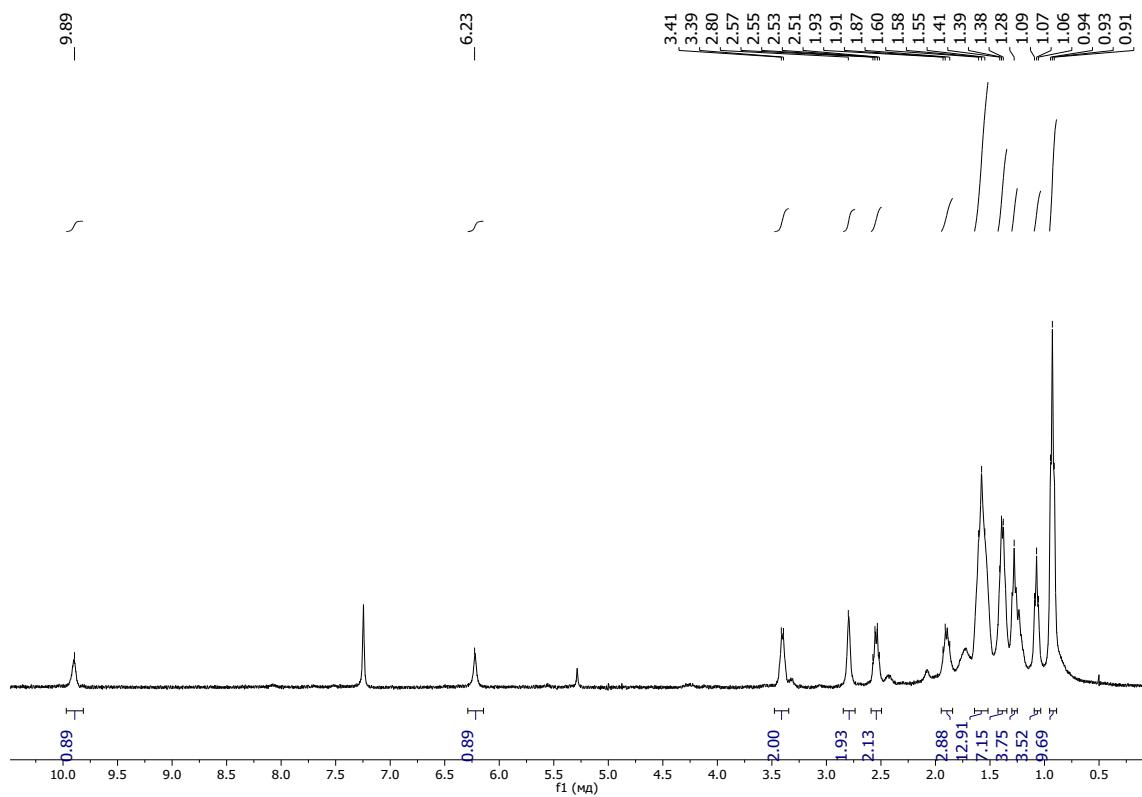


Figure S25. ^1H NMR spectrum of compound 7 (CDCl_3)

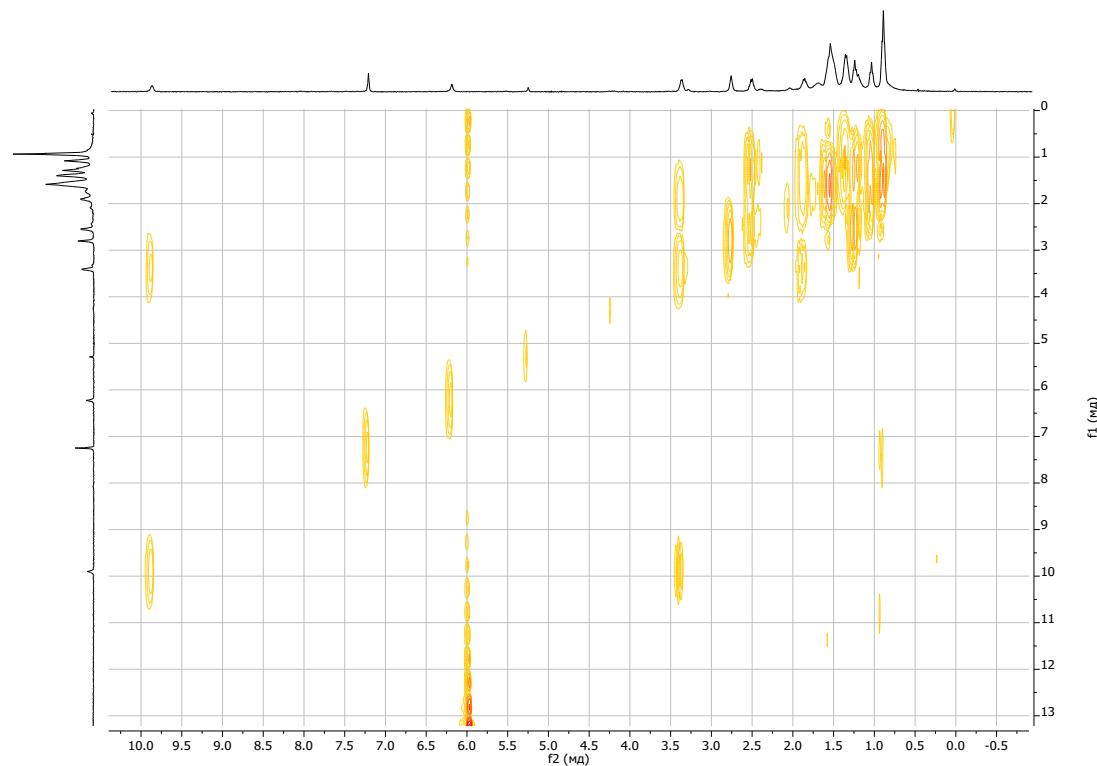


Figure S26. (HH)COSY NMR spectrum of compound 7 (CDCl_3)

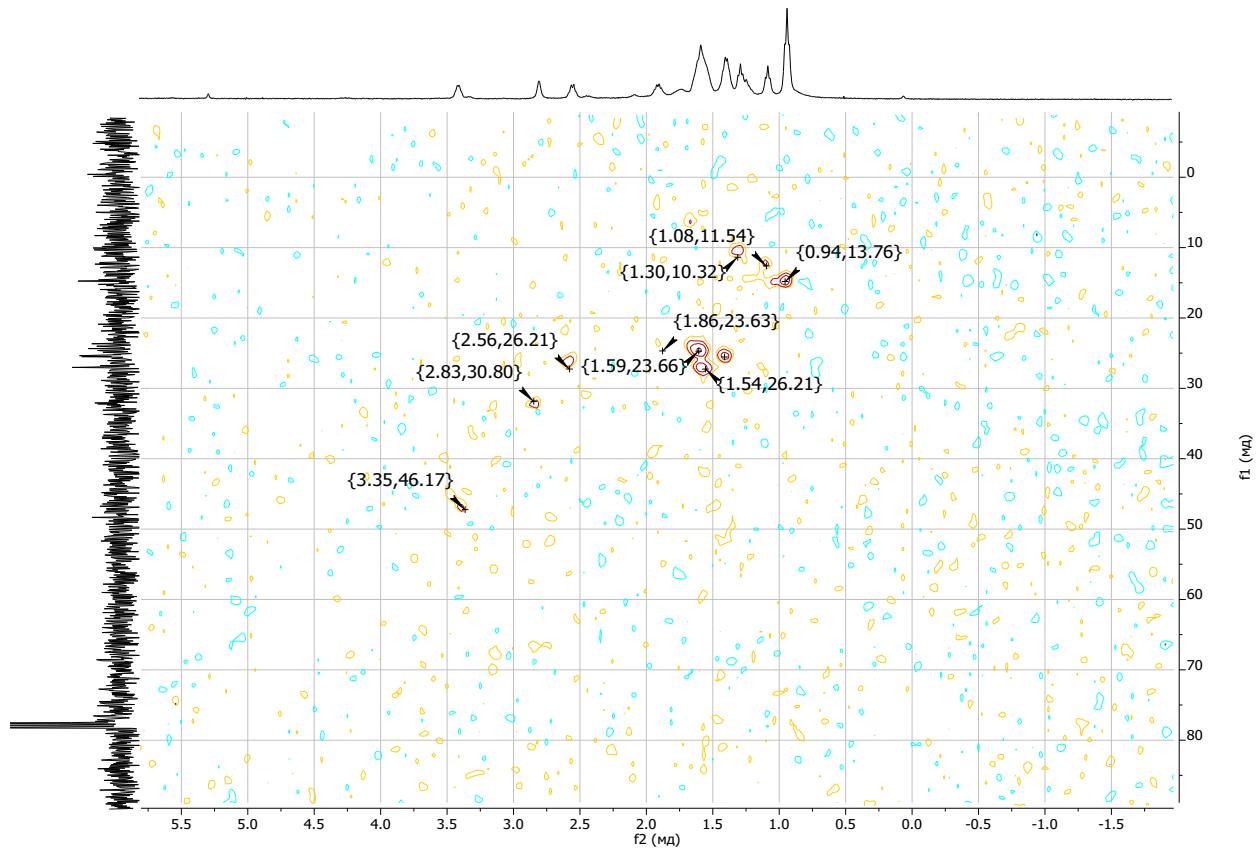


Figure S27. (HC)HSQC NMR spectrum of compound 7 (CDCl_3)

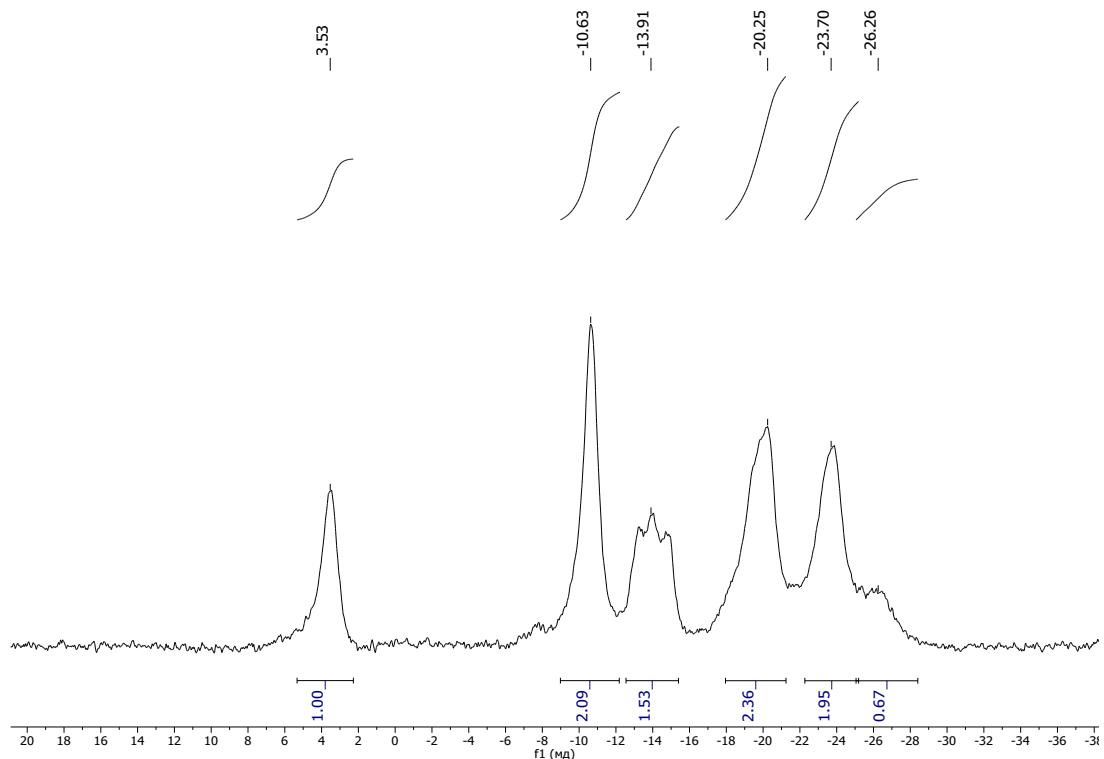


Figure S28. $^{11}\text{B}\{^1\text{H}\}$ NMR spectrum of compound 7 (CDCl_3)

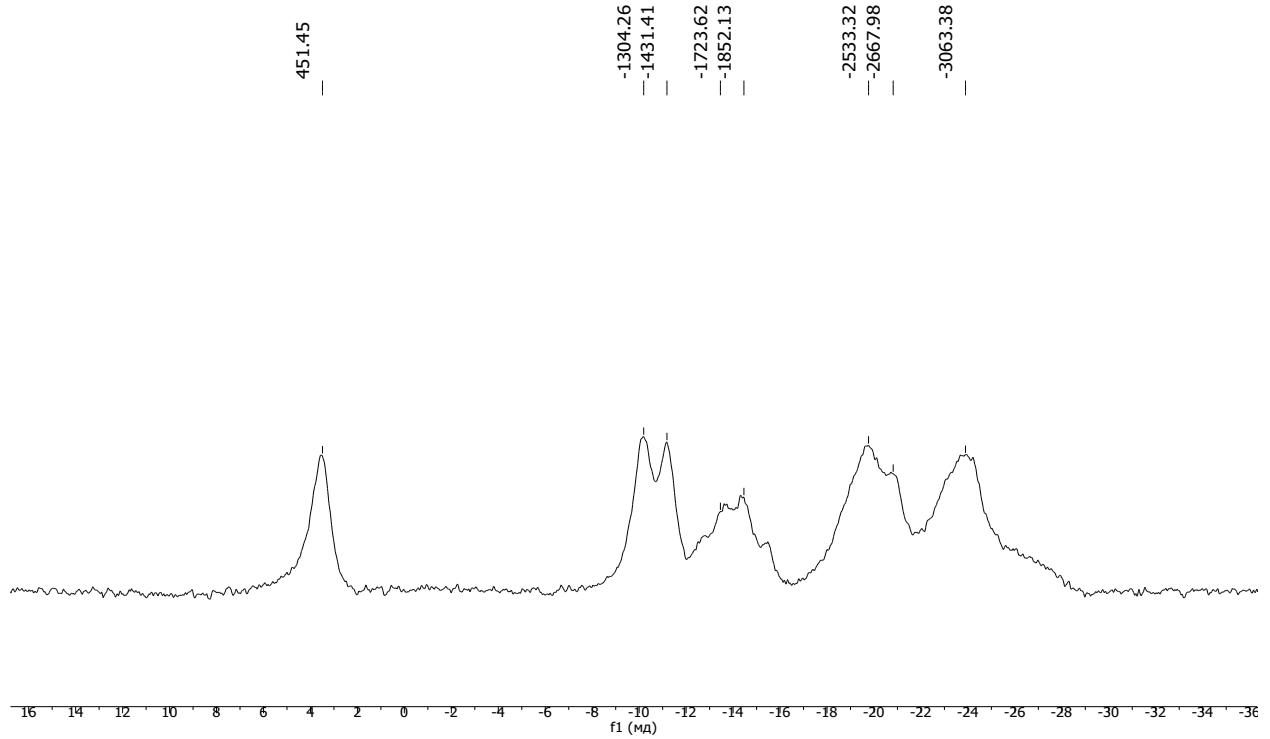


Figure S29. ^{11}B NMR spectrum of compound 7 (CDCl_3)