Supporting Information

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N-Substituted aziridine-2-phosphonic acids and their antibacterial activities

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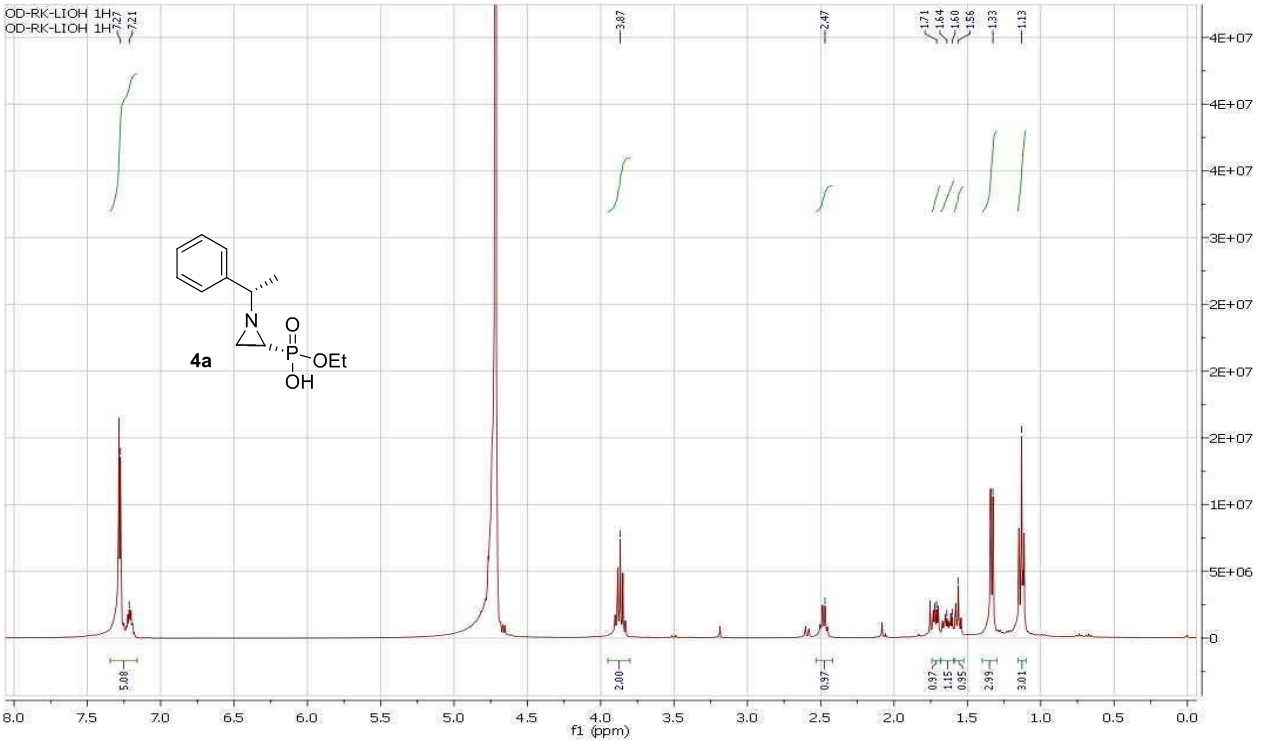


Figure S1: ^{1}H-NMR spectrum of compound **4a**

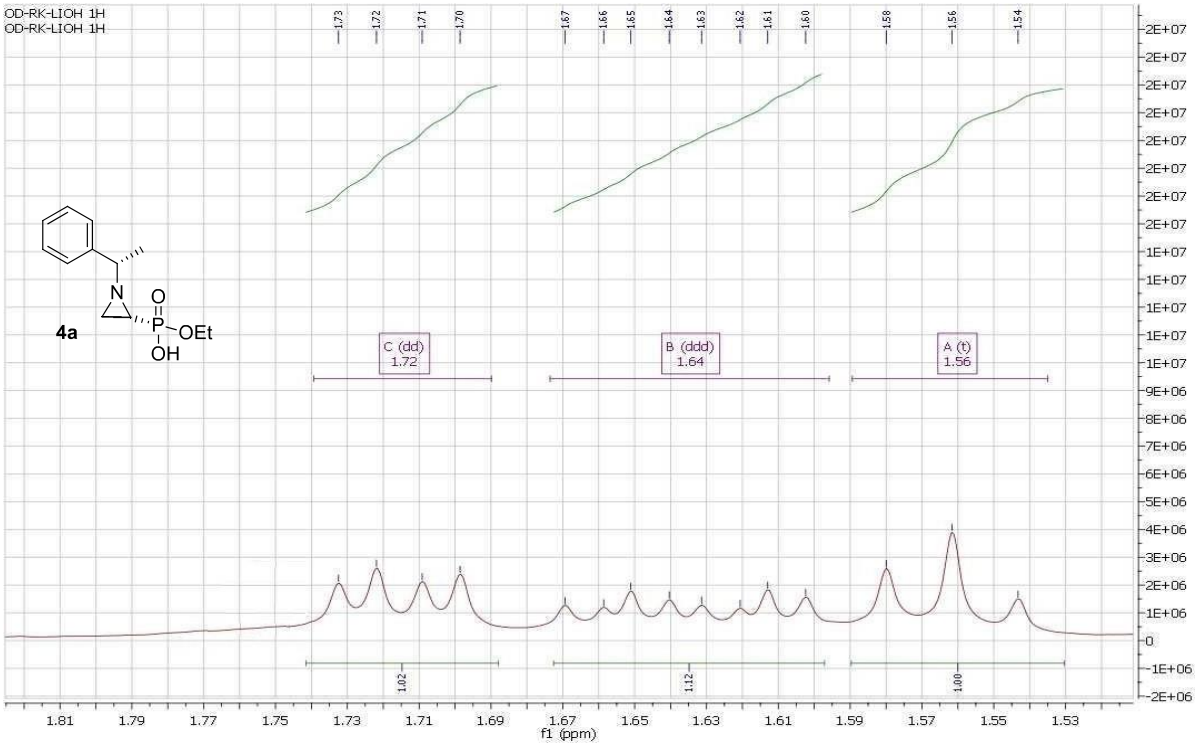


Figure S1a: Expended region (δ 1.53-1.75) from ^{1}H-NMR Spectrum of compound **4a**

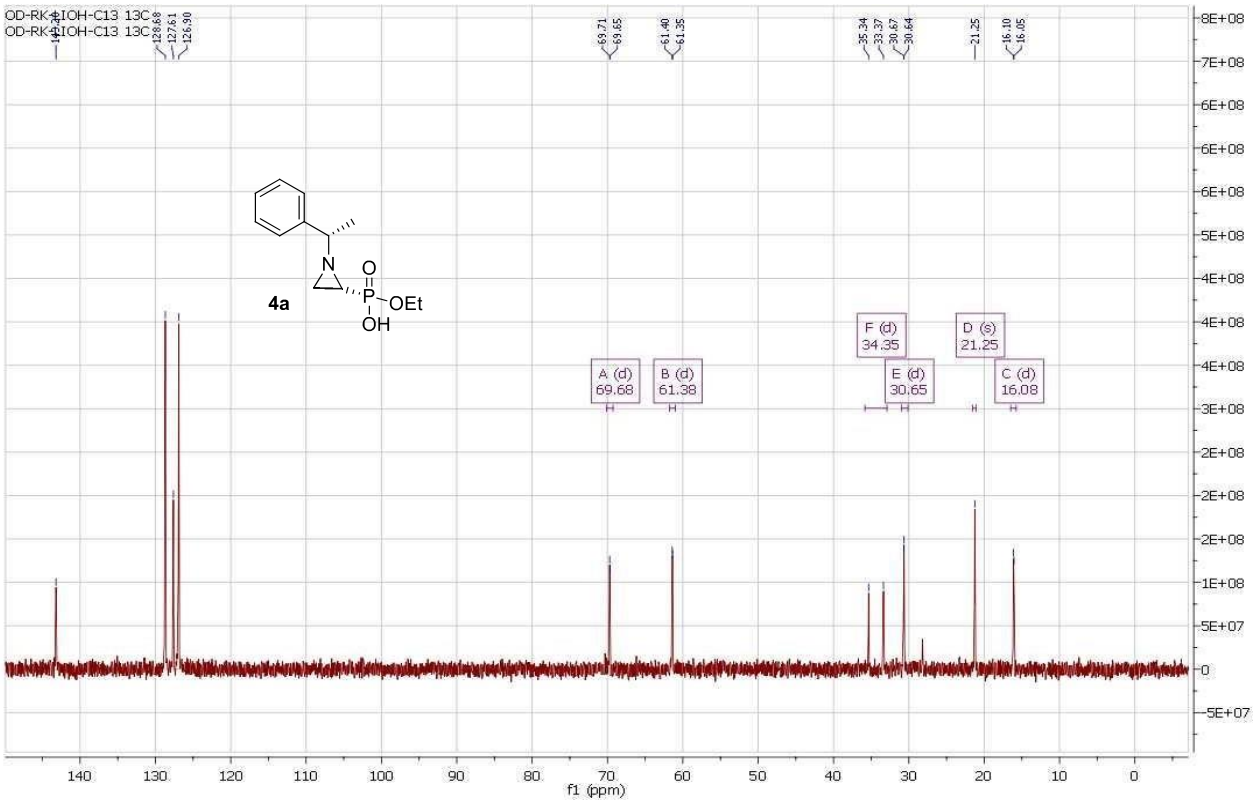


Figure S2: ^{13}C-NMR spectrum of compound **4a**

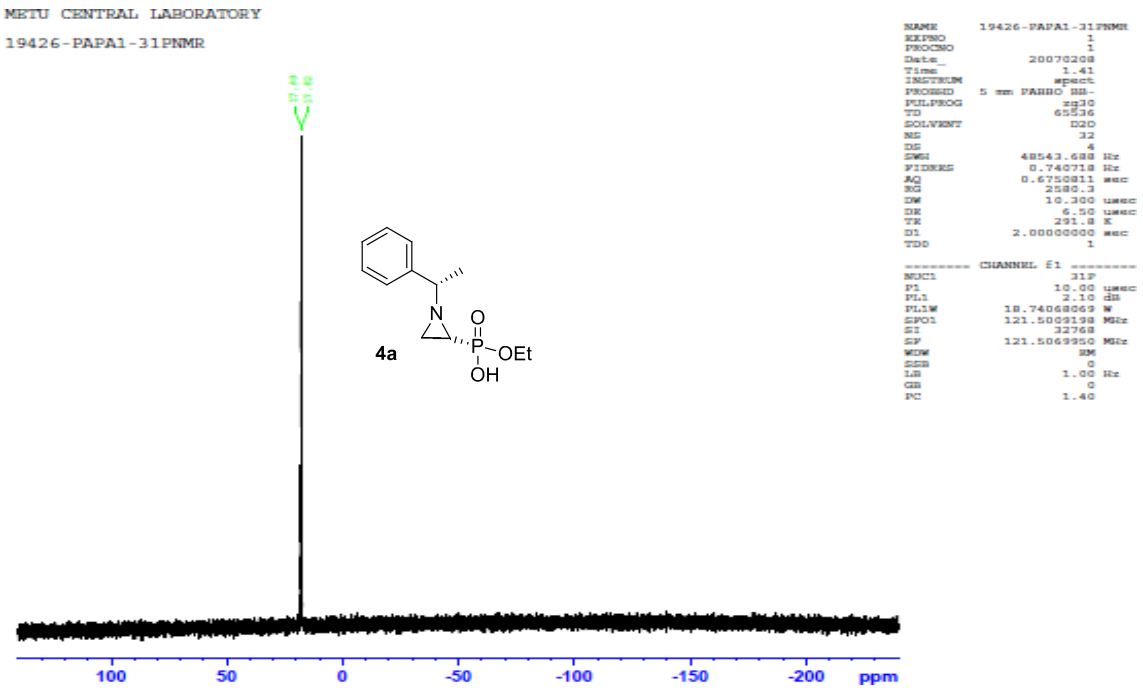


Figure S3: ^{31}P-NMR spectrum of compound **4a**

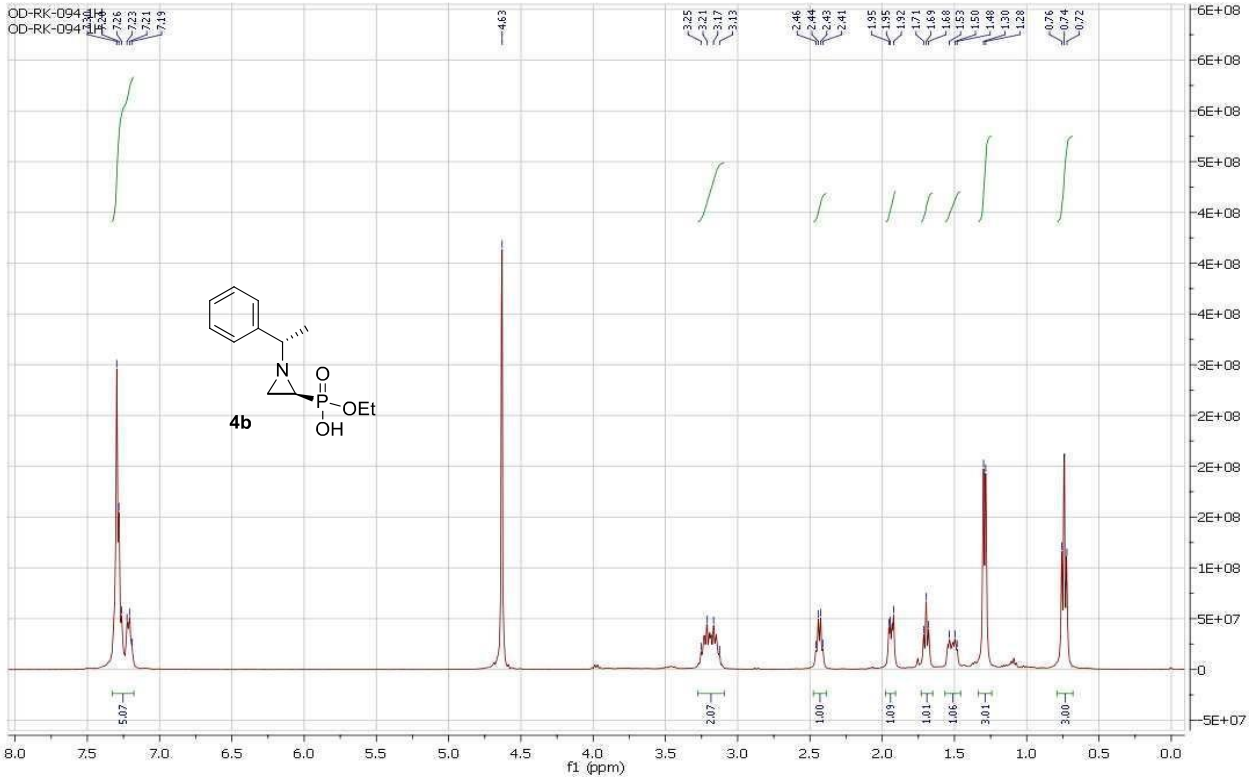


Figure S4: ^{1}H-NMR spectrum of compound **4b**

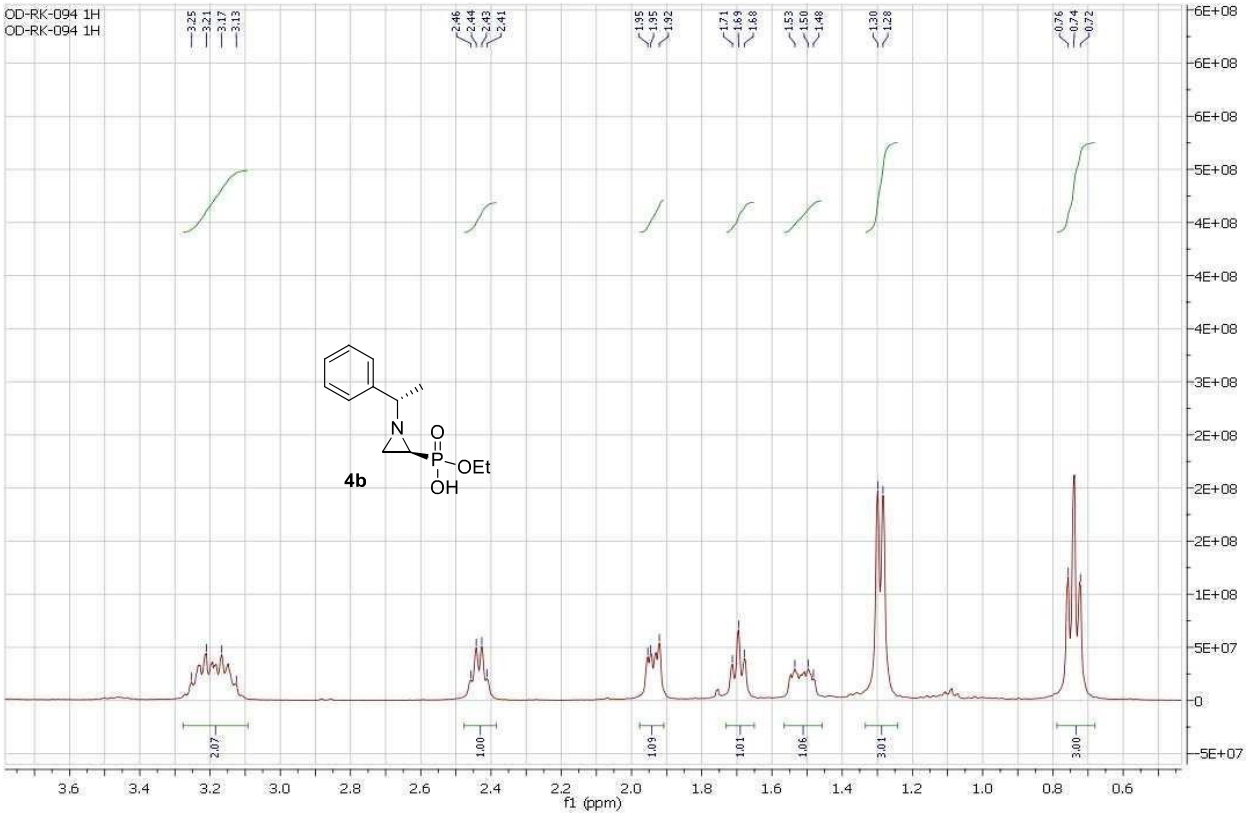


Figure S4a: Expended region (δ 0.6-3.4) from ^{1}H-NMR Spectrum of compound **4b**

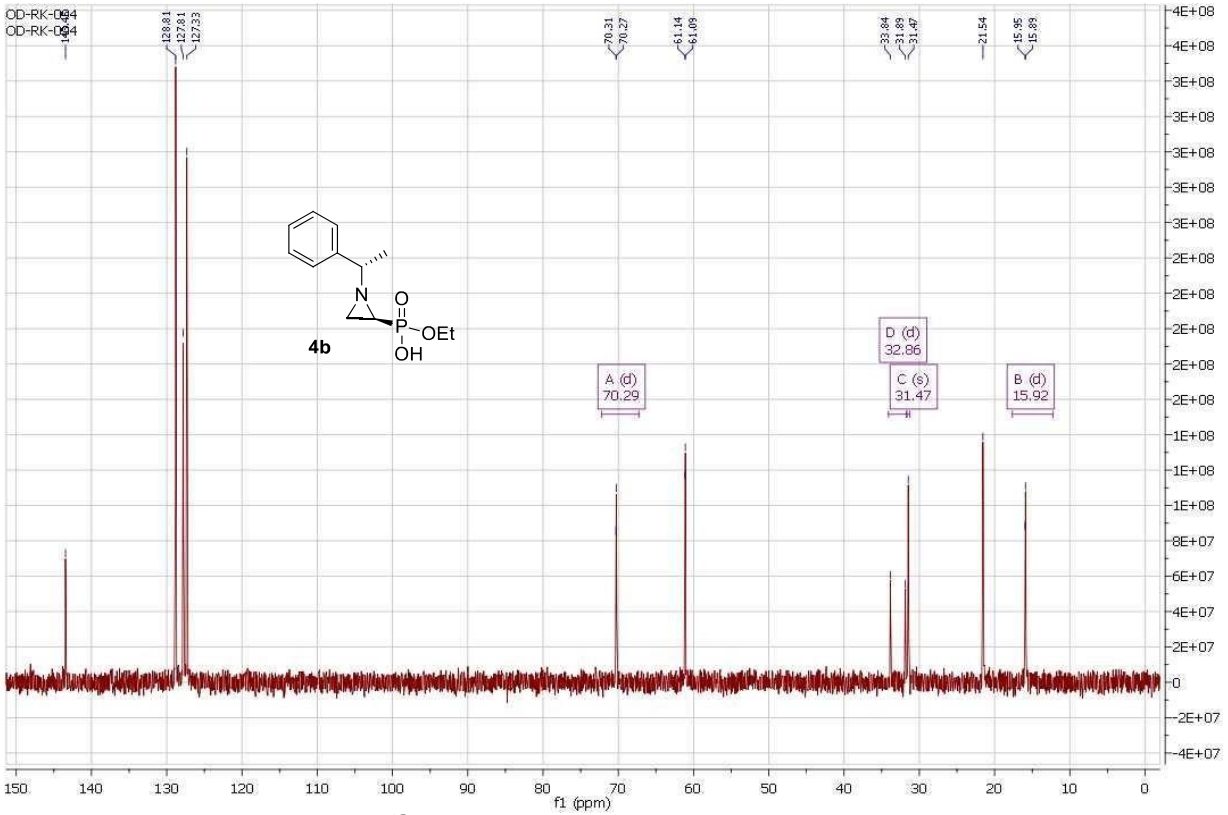


Figure S5: ^{13}C-NMR spectrum of compound **4b**

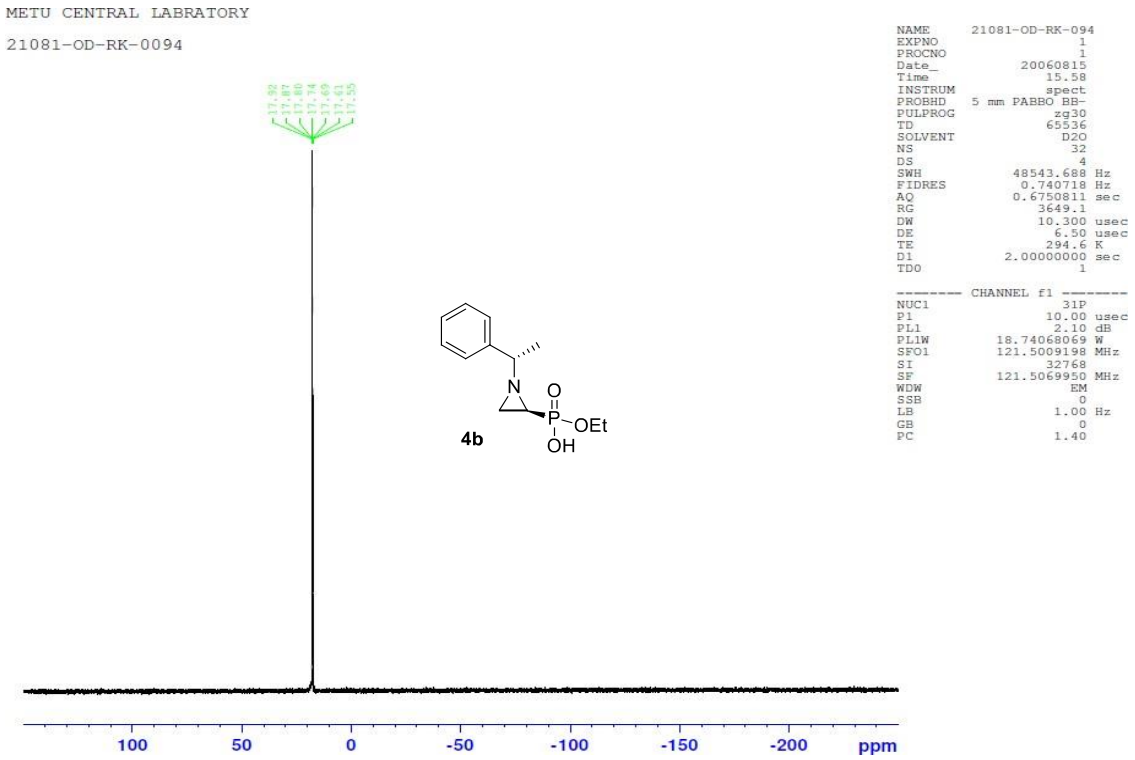


Figure S6: ^{31}P-NMR spectrum of compound **4b**

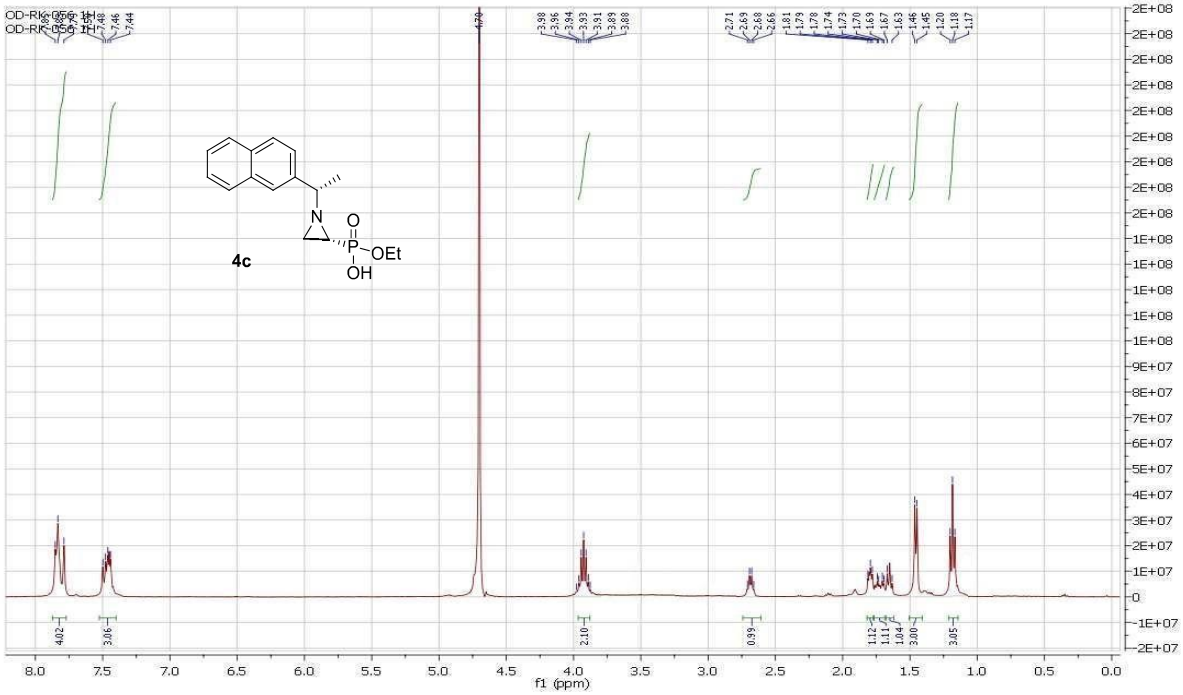


Figure S7: ^{1}H-NMR spectrum of compound **4c**

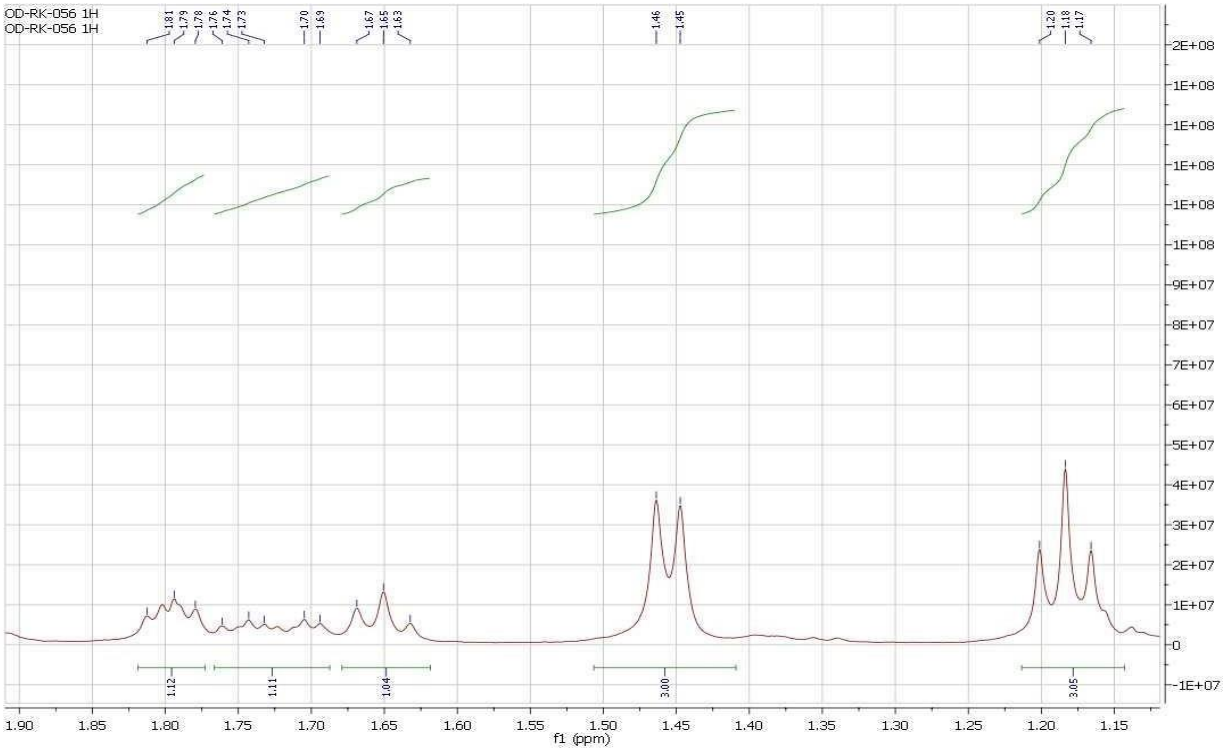


Figure S7a: Expended region (δ 1.15-1.85) from ^{1}H-NMR Spectrum of compound **4c**

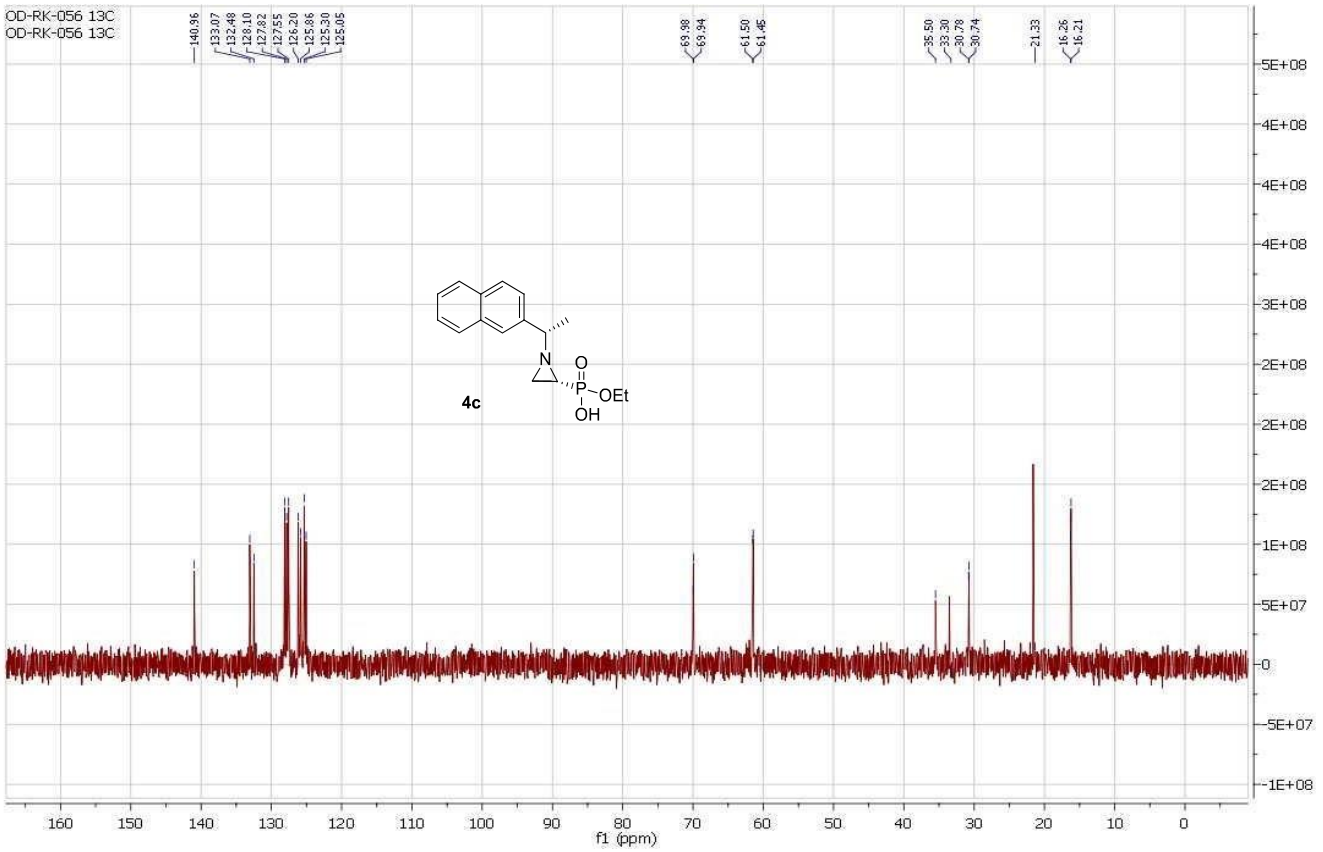


Figure S8: ^{13}C-NMR spectrum of compound **4c**

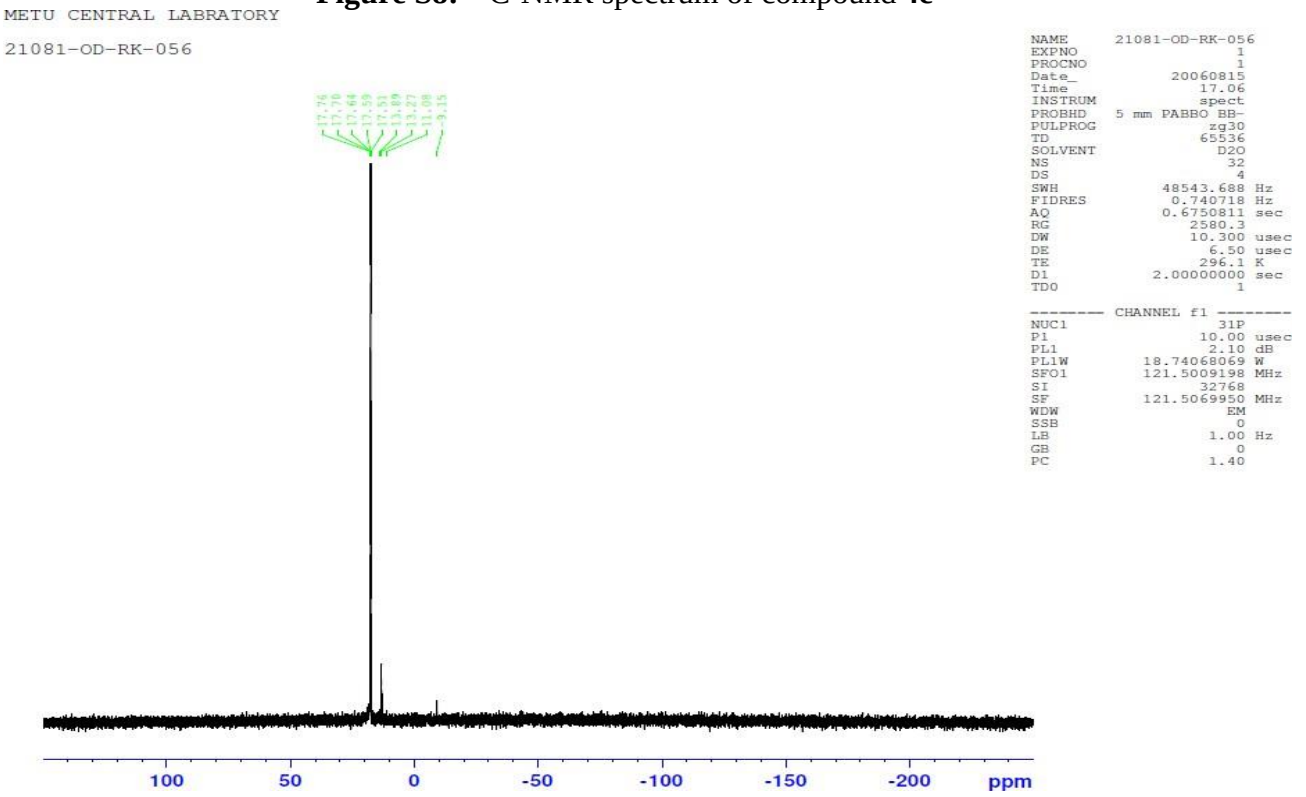


Figure S9: ^{31}P-NMR spectrum of compound **4c**

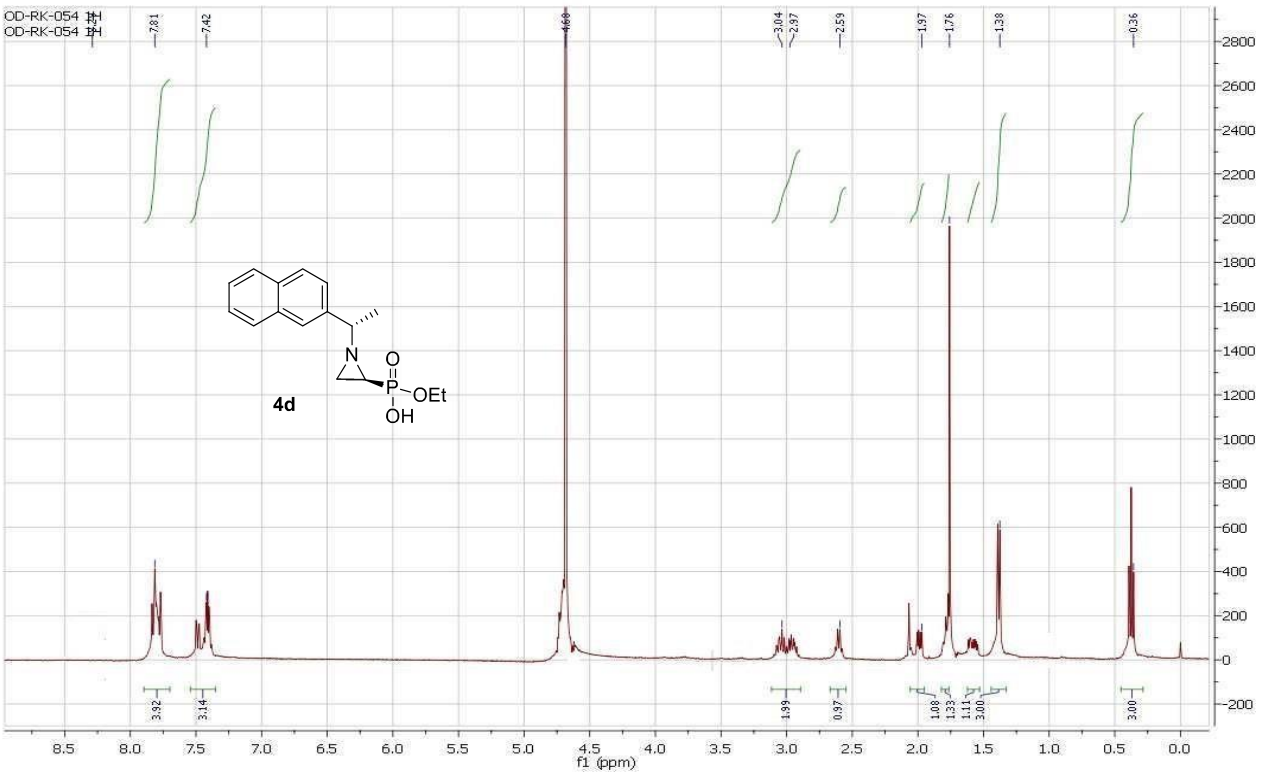


Figure S10: ^{1}H-NMR spectrum of compound **4d**

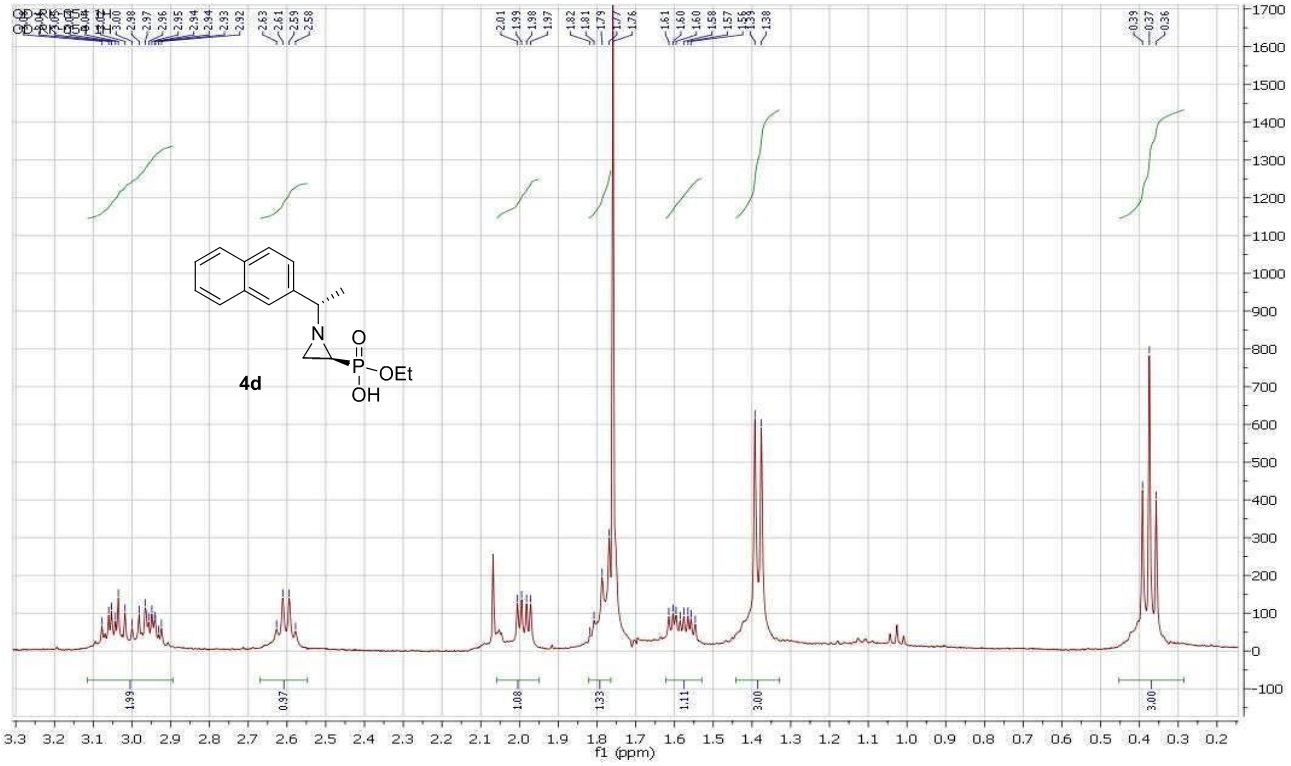


Figure S10a: Expended region (δ 0.2-3.2) from ^{1}H-NMR Spectrum of compound **4d**

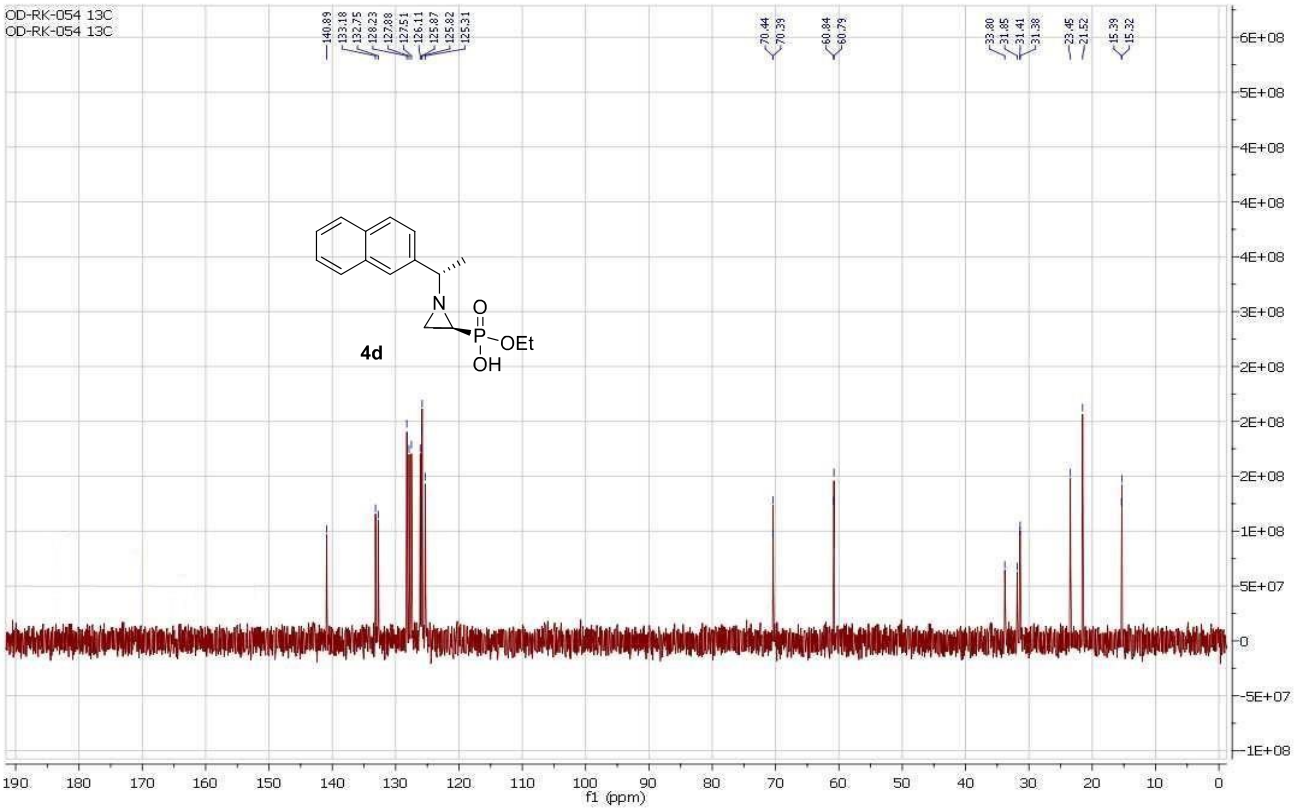


Figure S11: ^{13}C-NMR spectrum of compound **4d**

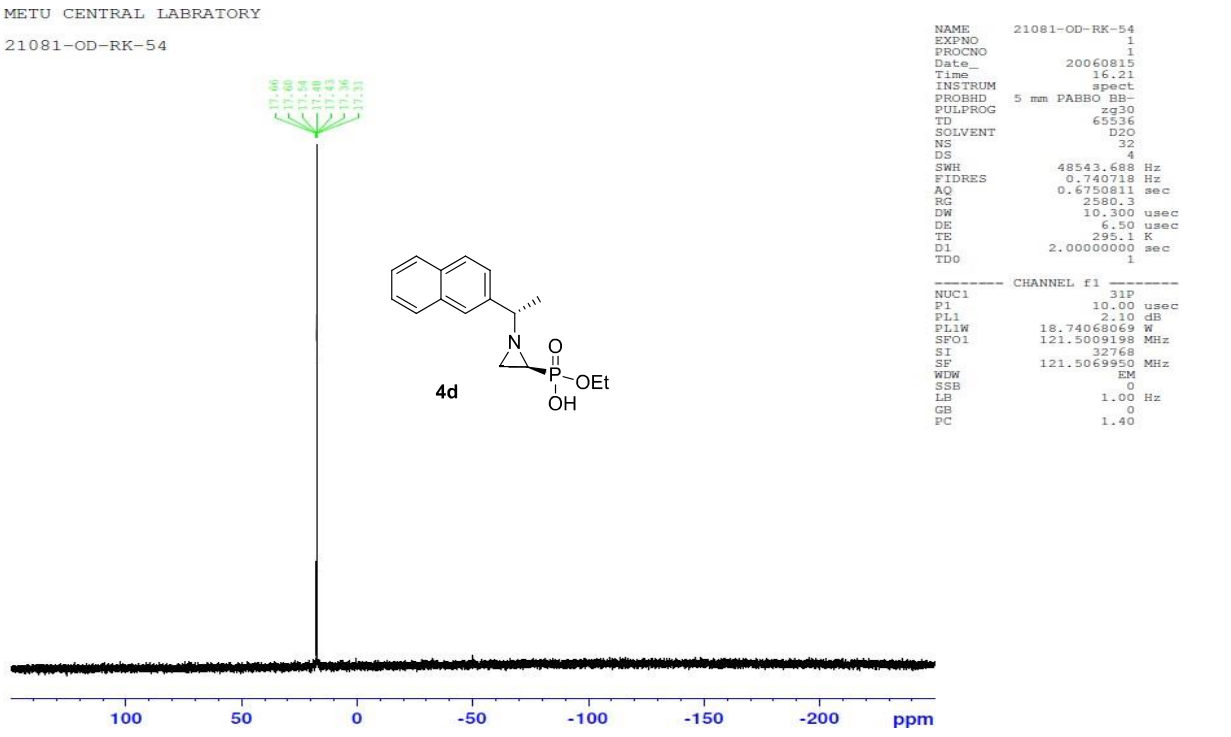


Figure S12: ^{31}P-NMR spectrum of compound **4d**

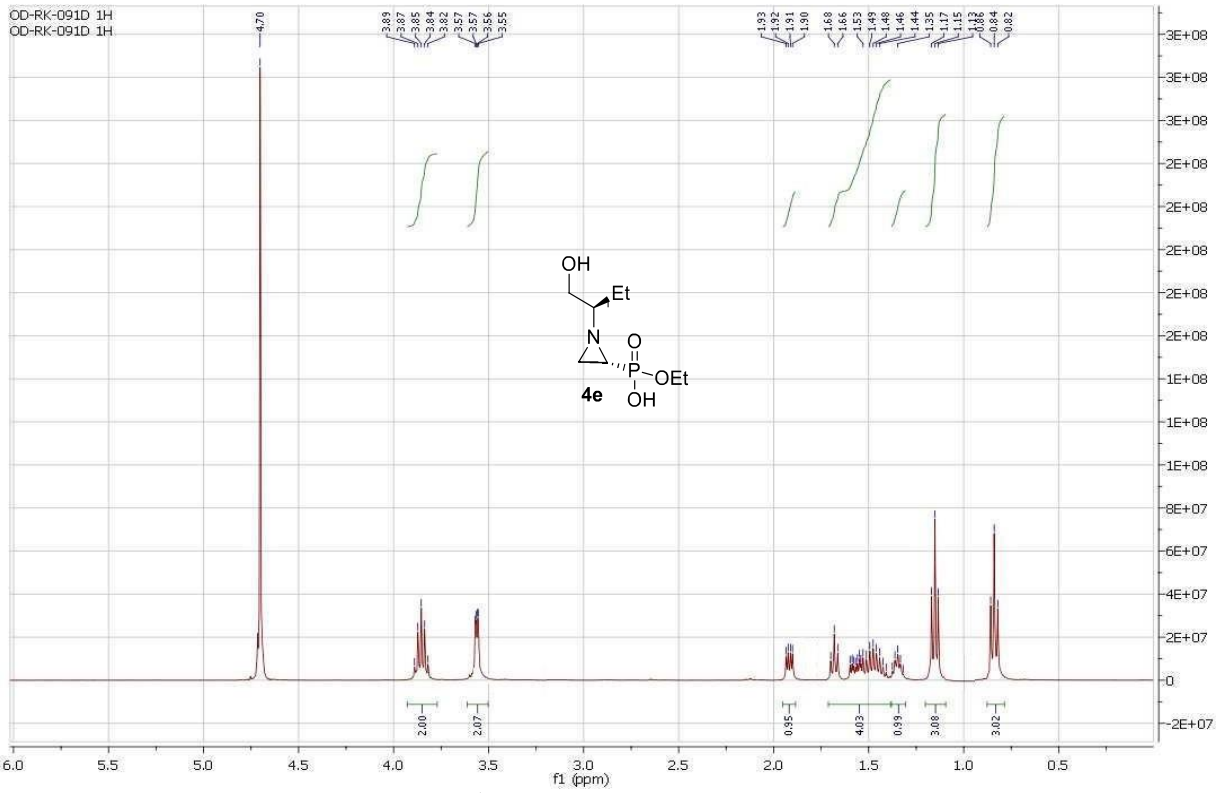


Figure S13: ^{1}H-NMR spectrum of compound **4e**

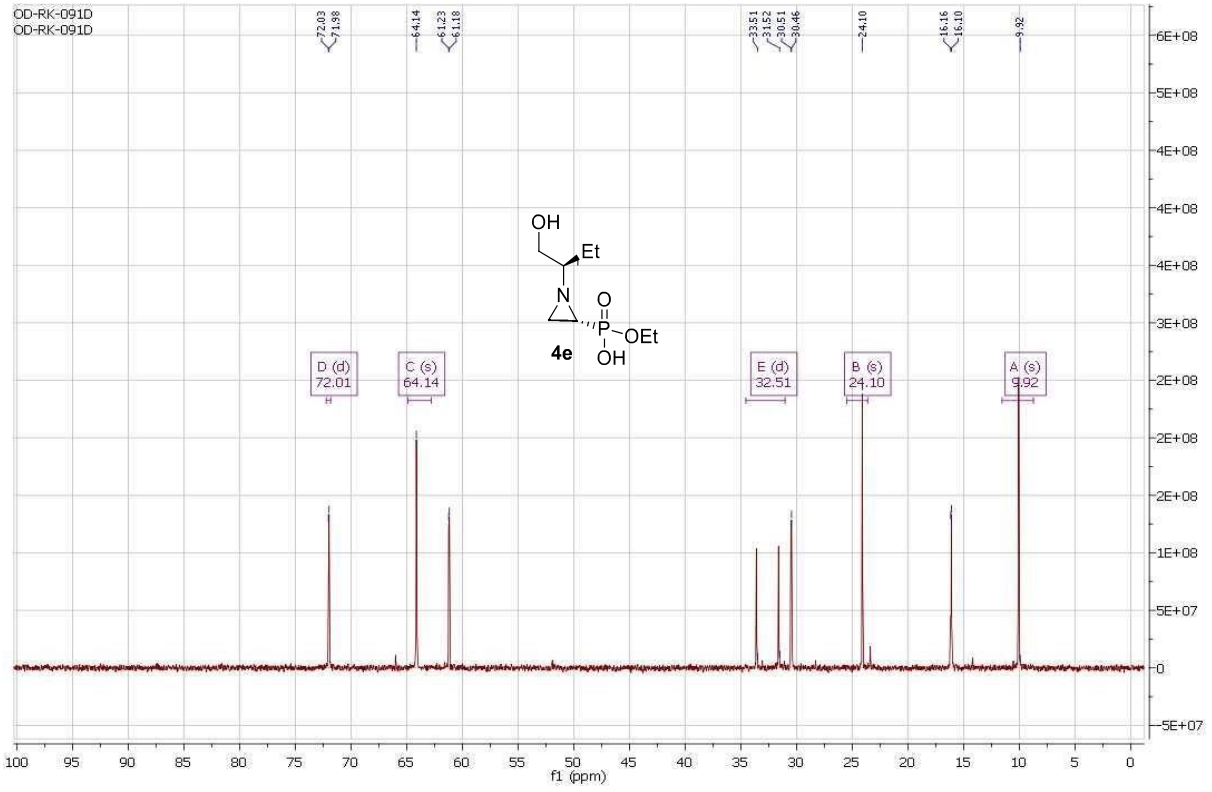


Figure S14: ^{13}C-NMR spectrum of compound **4e**

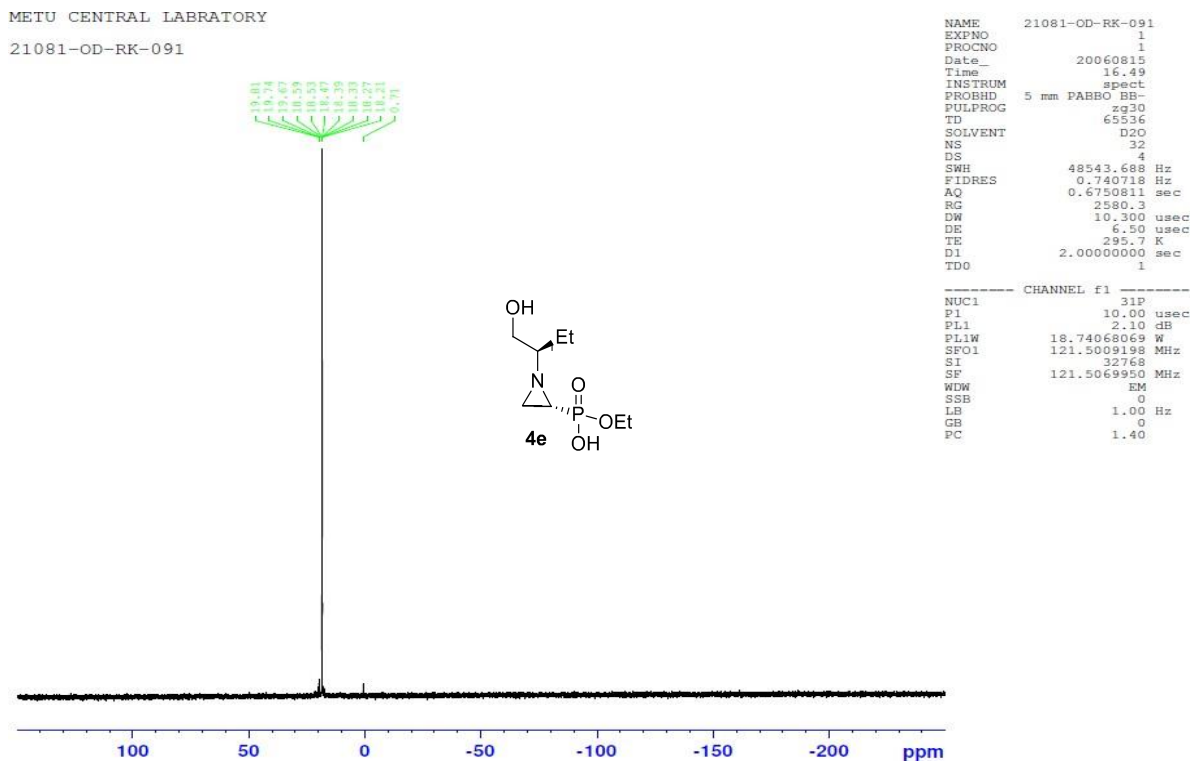


Figure S15: ^{31}P-NMR spectrum of compound **4e**

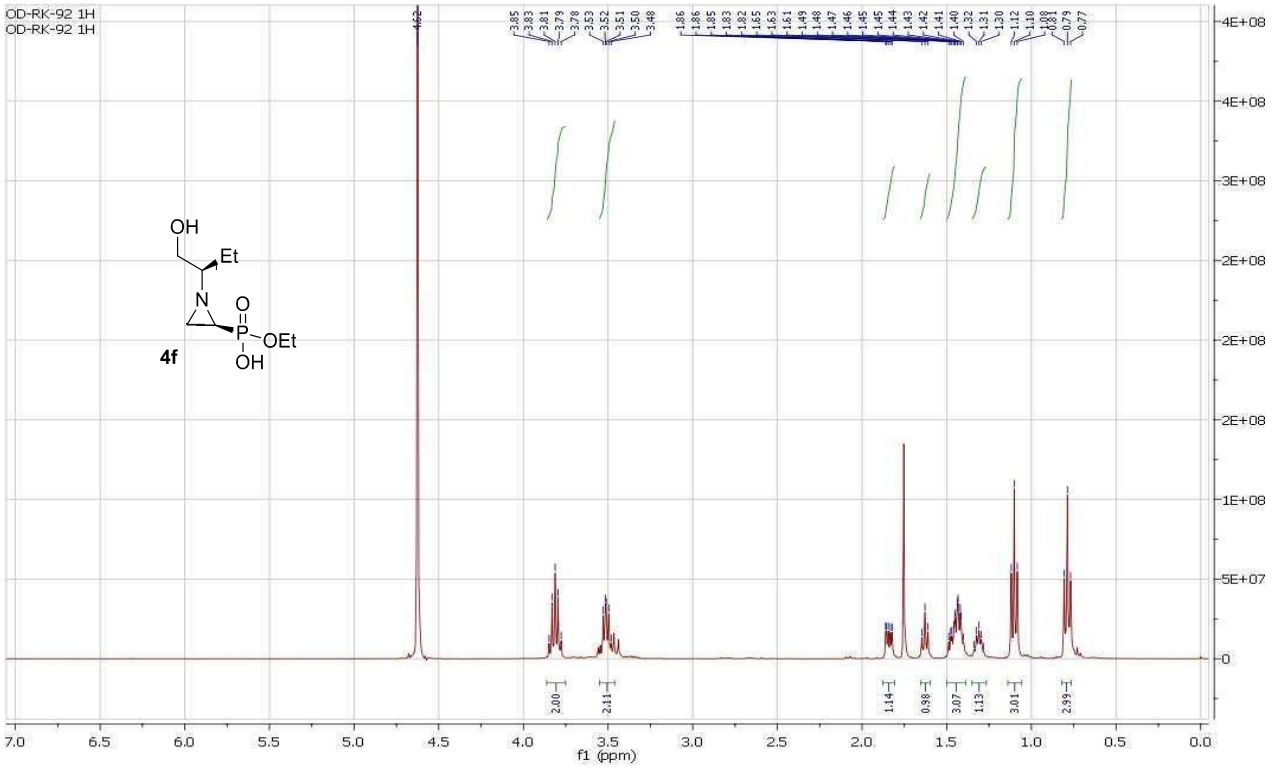


Figure S16: ^{1}H-NMR spectrum of compound **4f**

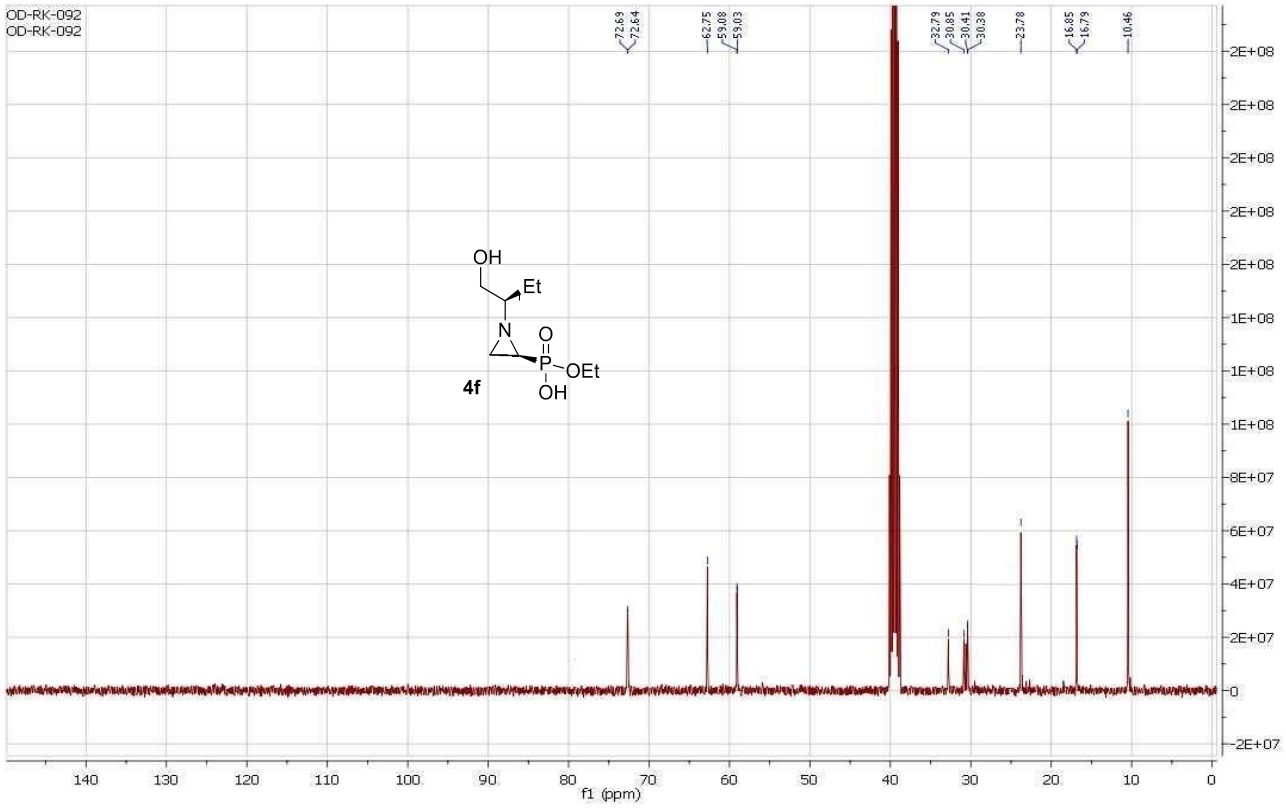


Figure S17: ^{13}C-NMR spectrum of compound **4f**

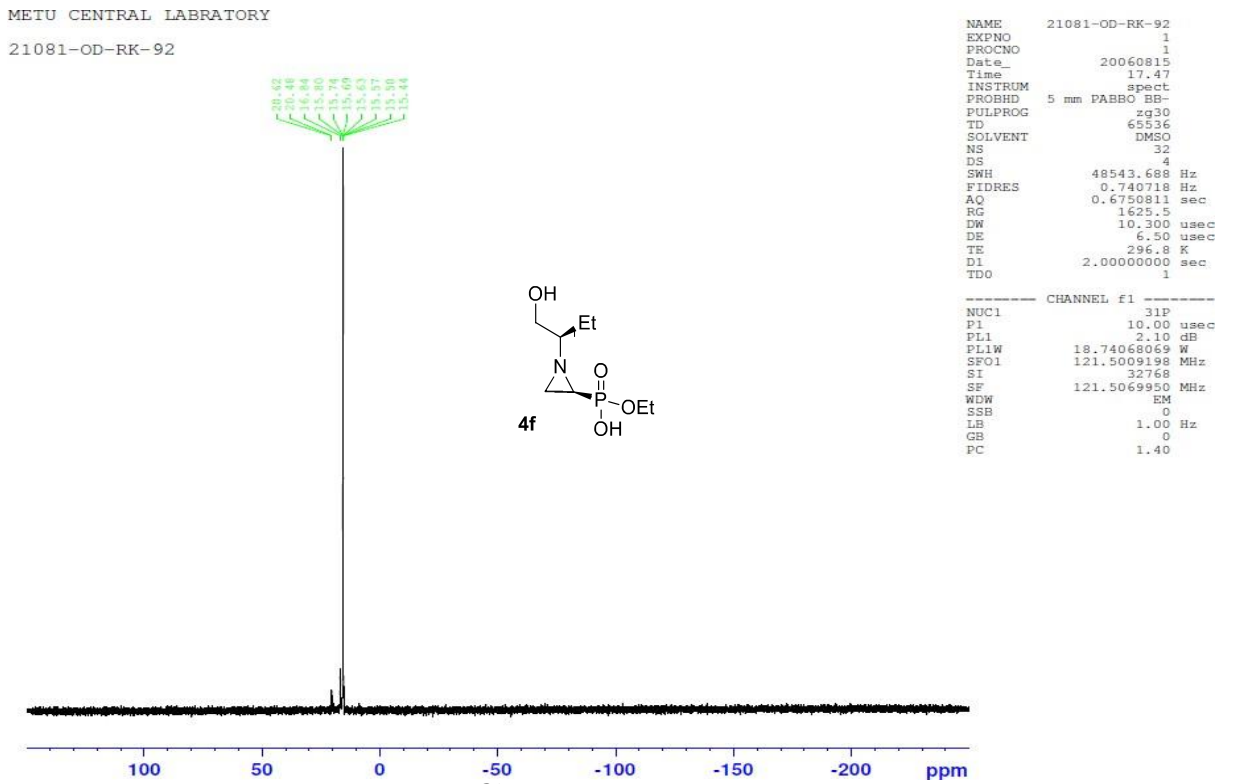


Figure S18: ^{31}P-NMR spectrum of compound **4f**

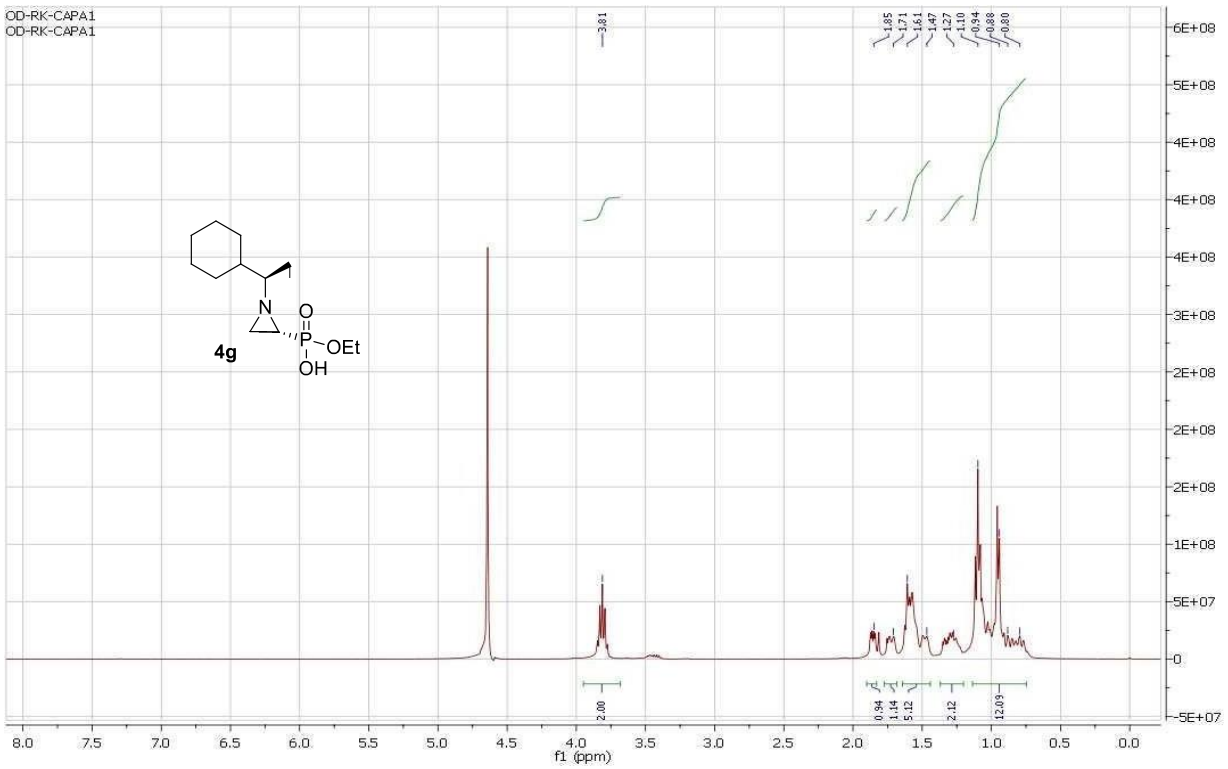


Figure S19: ^{1}H-NMR spectrum of compound **4g**

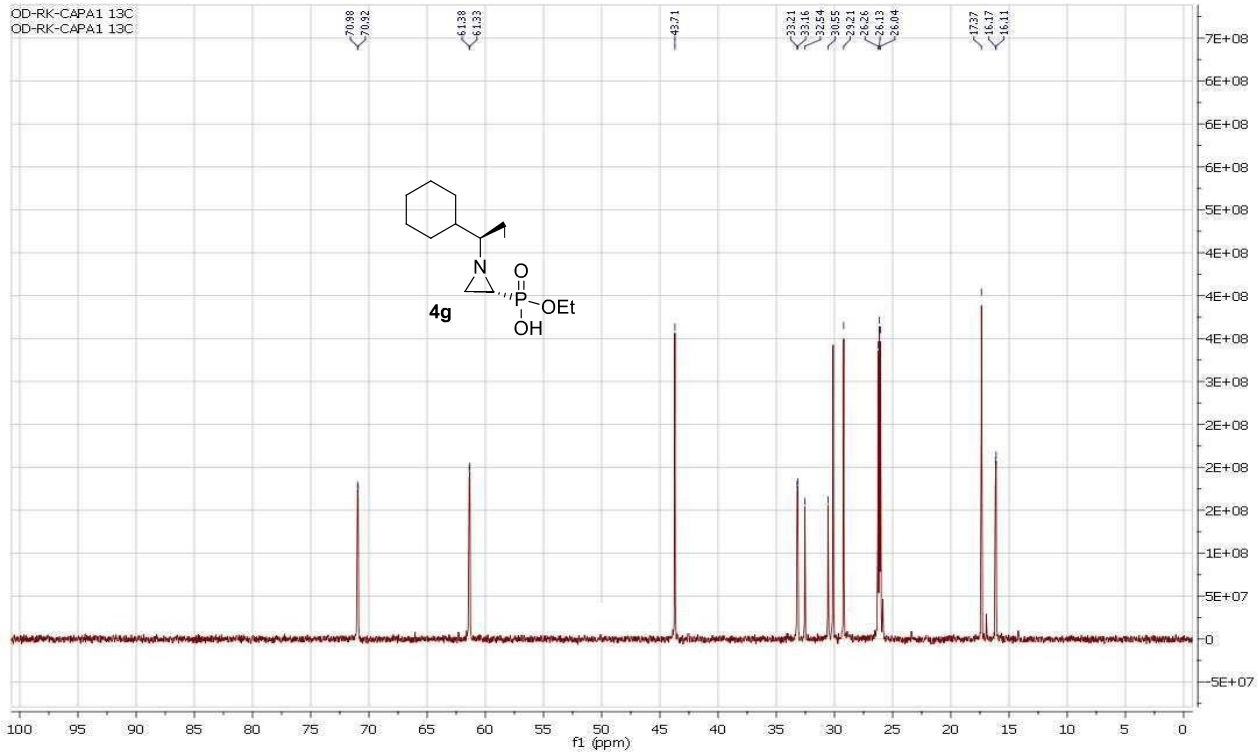


Figure S20: ^{13}C-NMR spectrum of compound **4g**

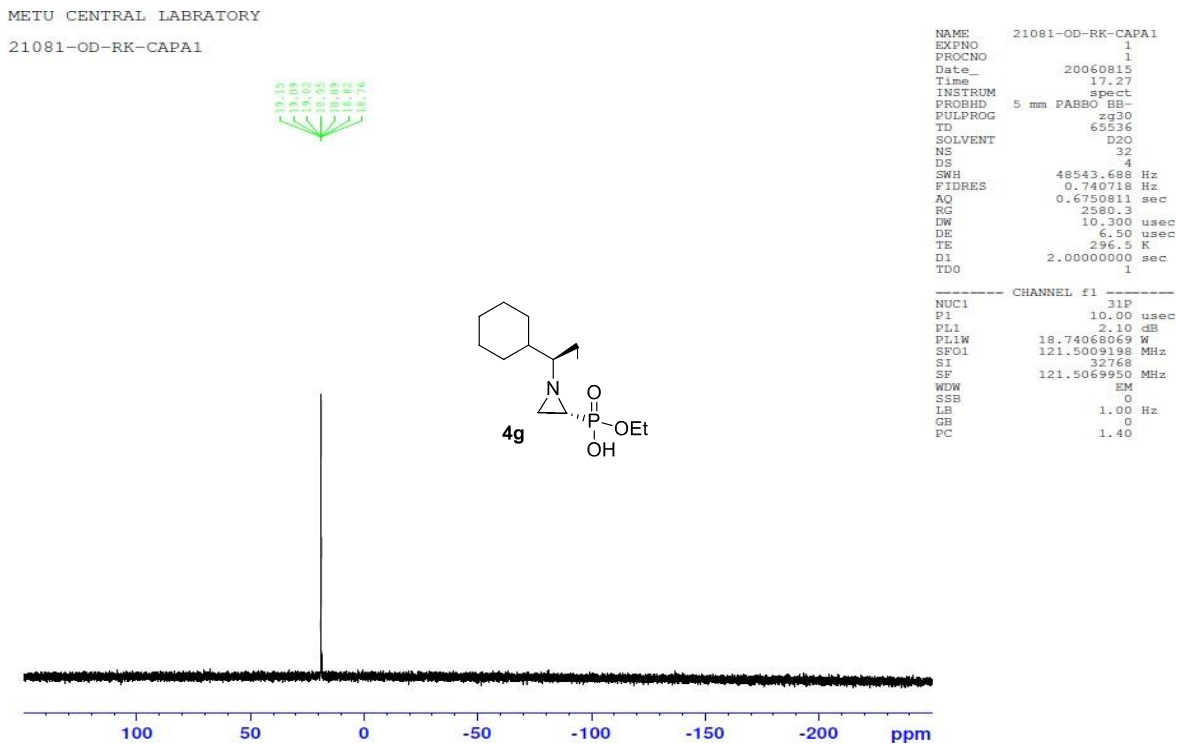


Figure S21: ^{31}P-NMR spectrum of compound **4g**

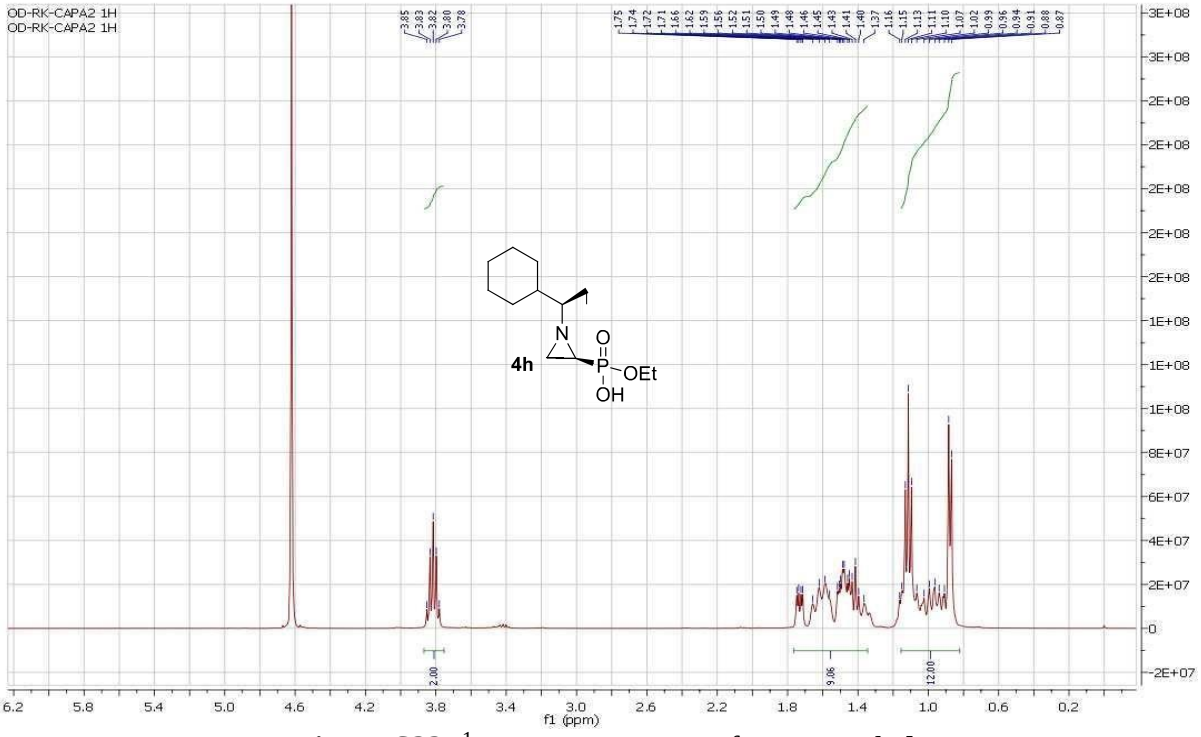


Figure S22: ^{1}H-NMR spectrum of compound **4h**

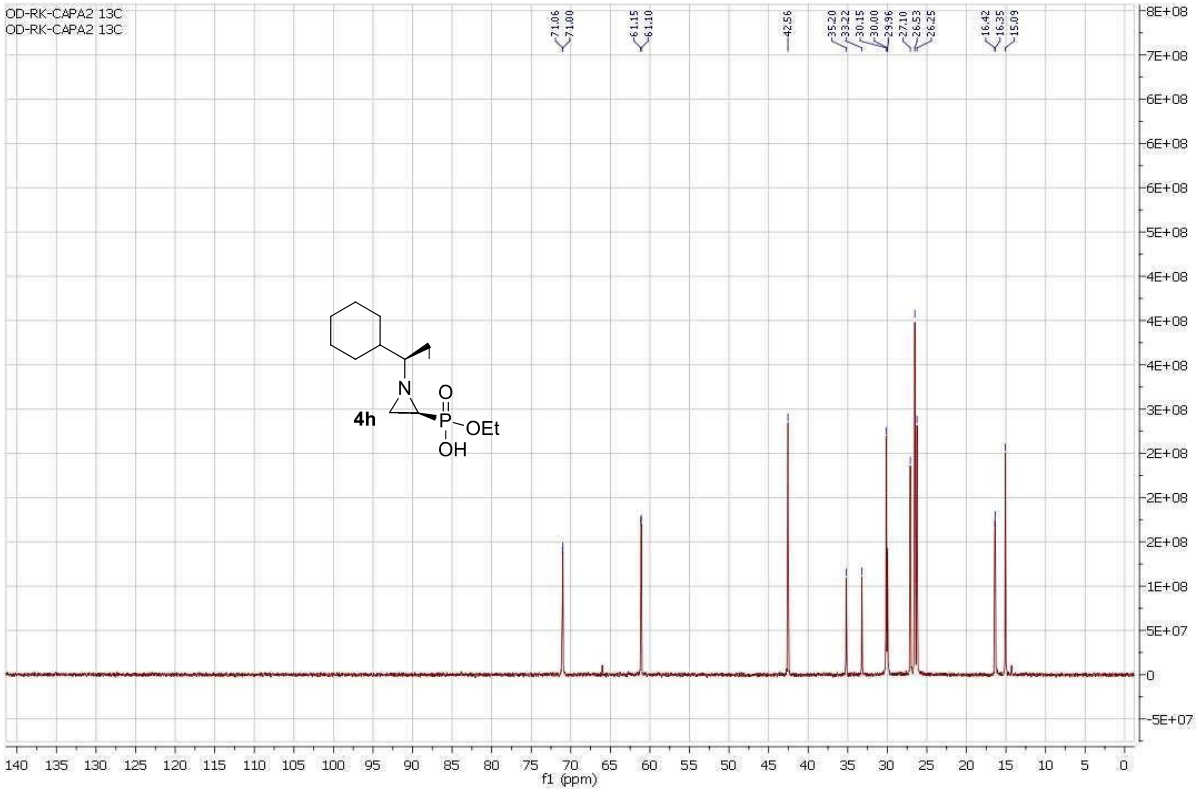


Figure S23: ^{13}C-NMR spectrum of compound **4h**

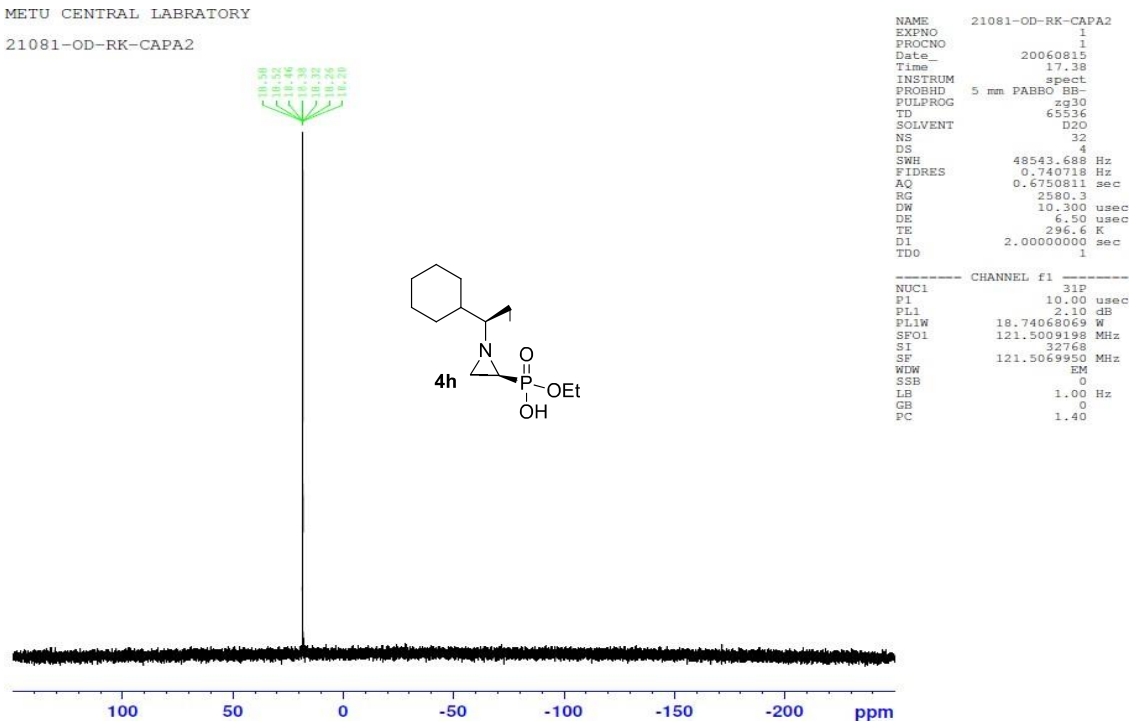


Figure S24: ^{31}P-NMR spectrum of compound **4h**

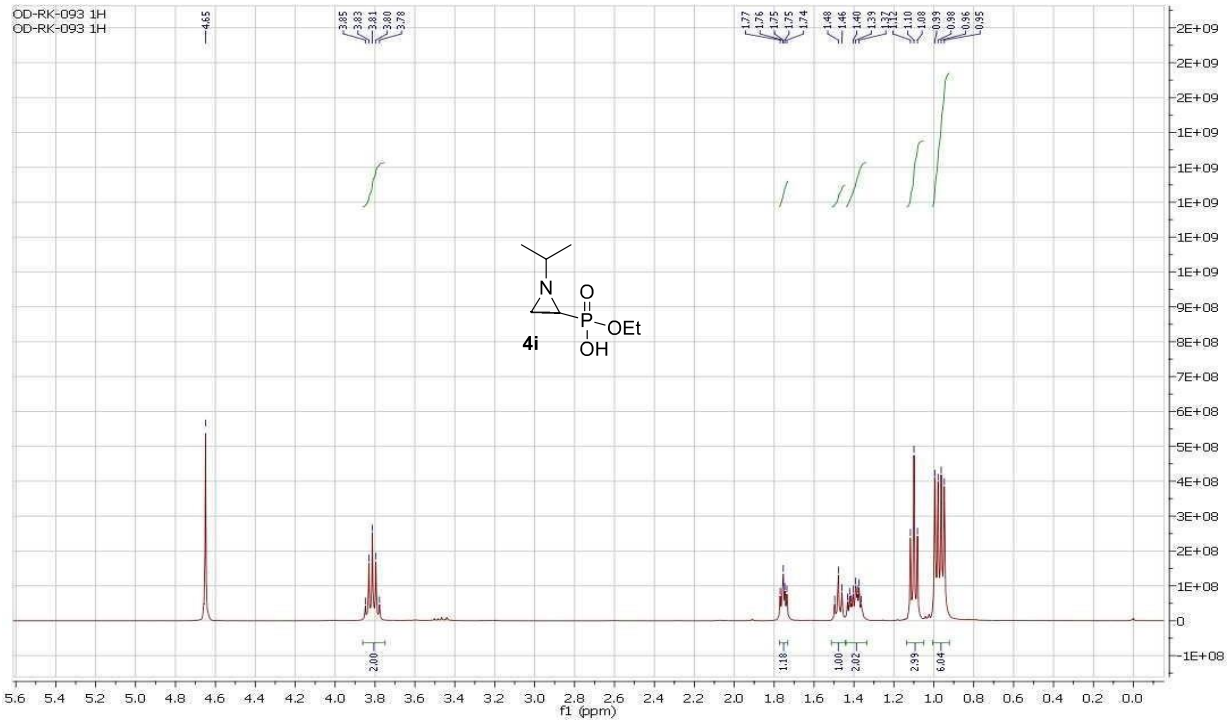


Figure S25: ^{1}H-NMR spectrum of compound **4i**

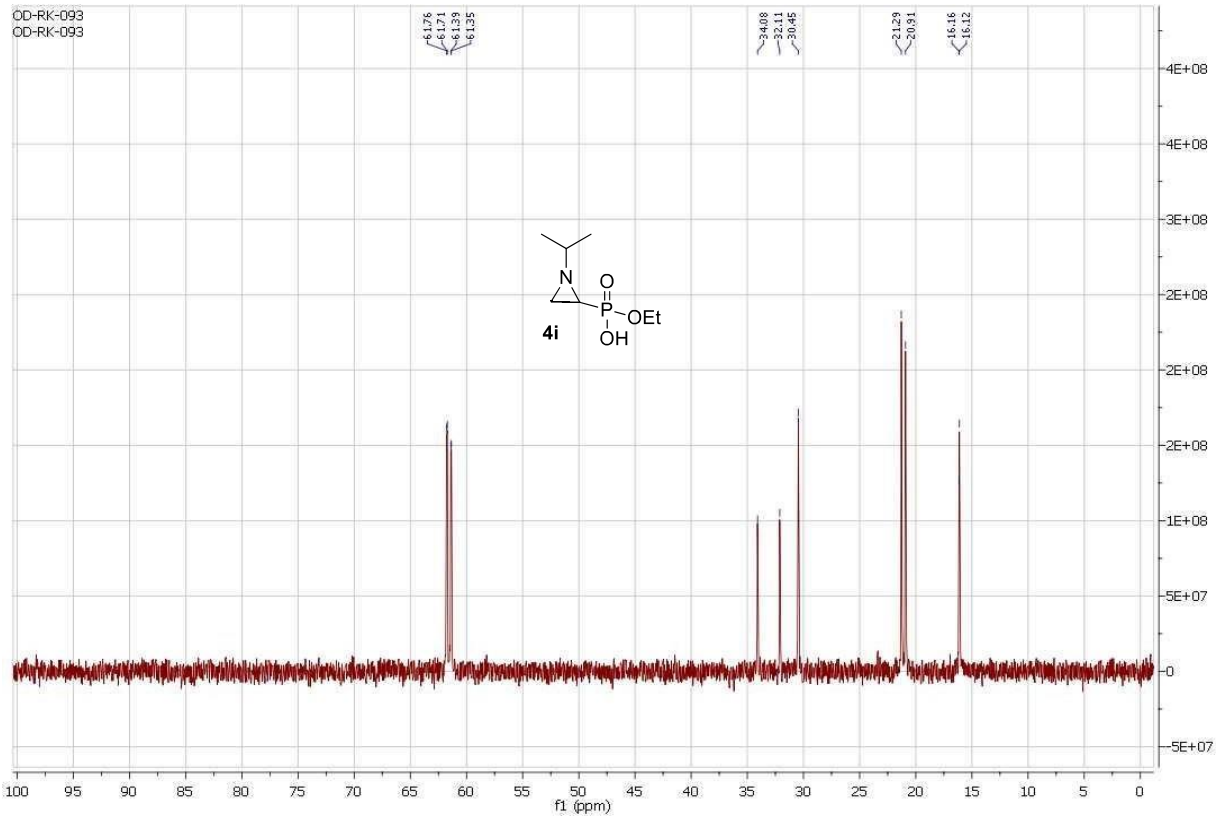


Figure S26: ^{13}C-NMR spectrum of compound **4i**

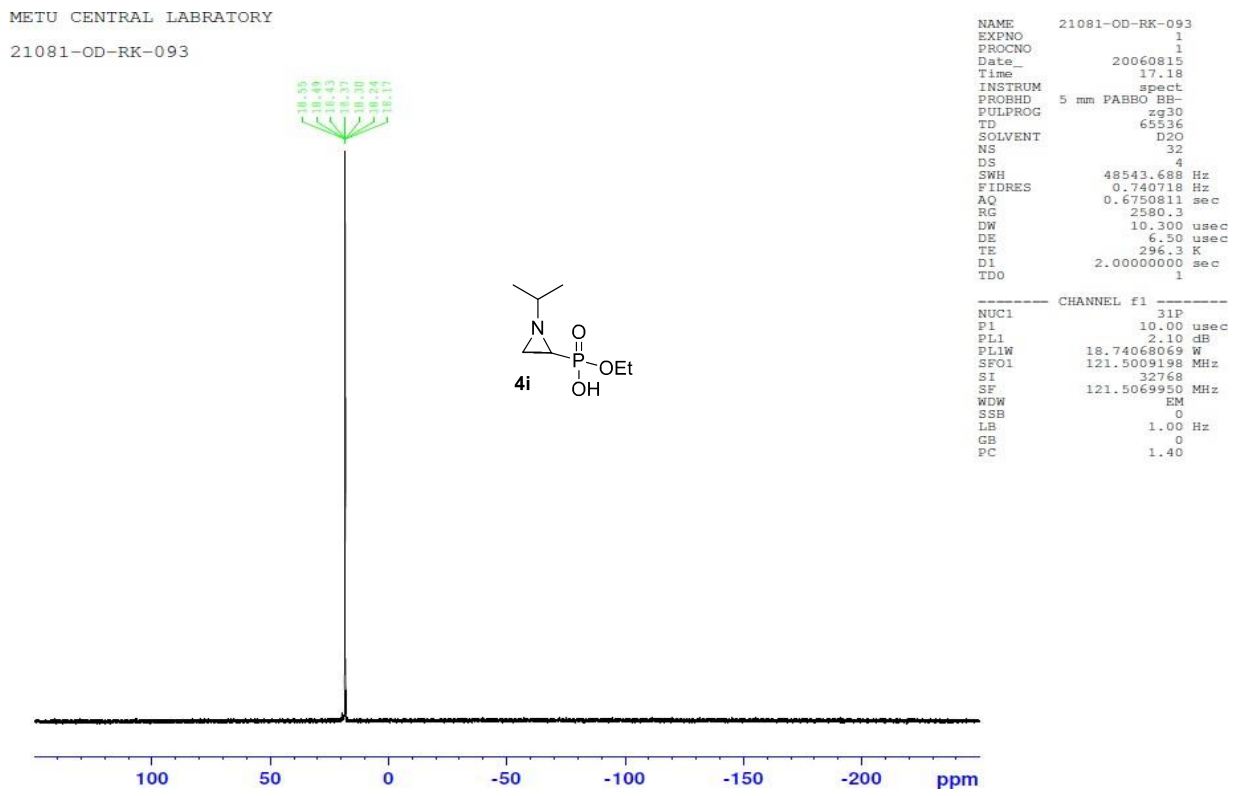


Figure S27: ^{31}P-NMR spectrum of compound **4i**

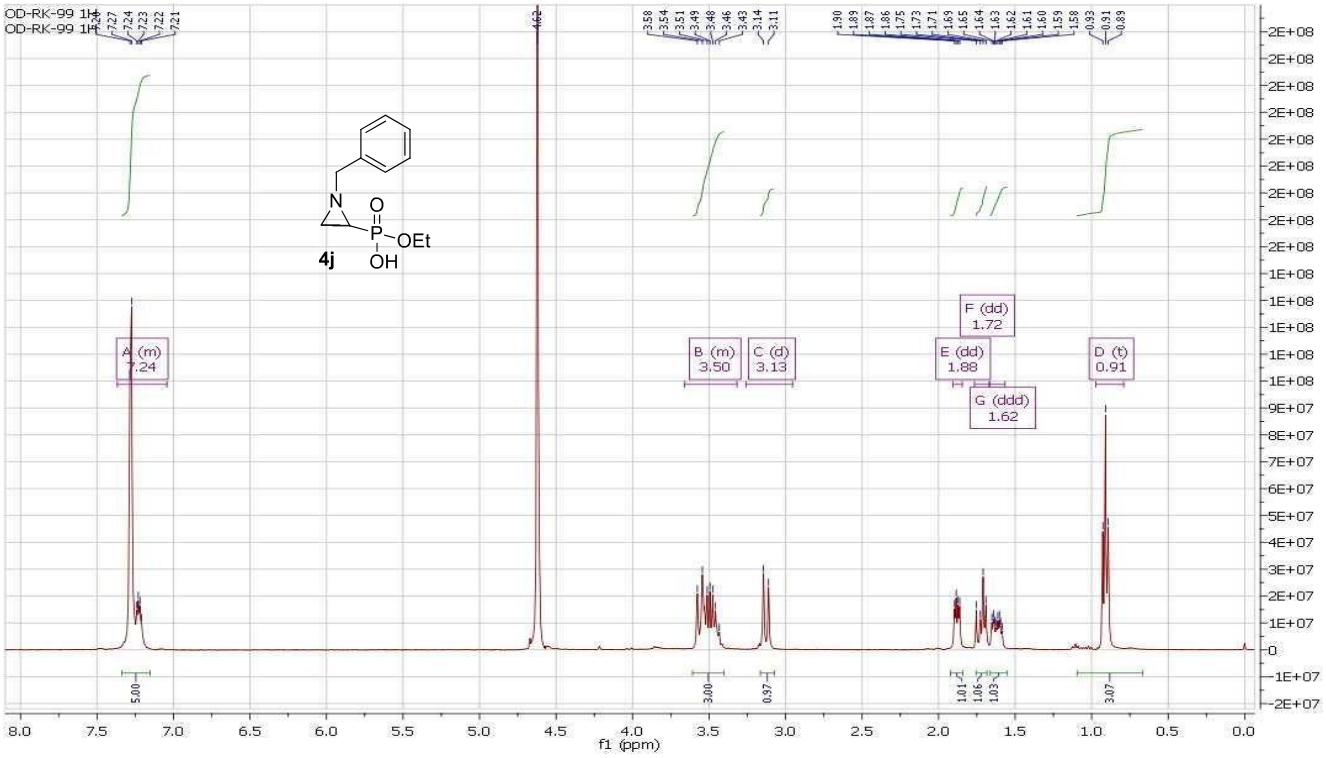


Figure S28: ^{1}H-NMR spectrum of compound **4j**

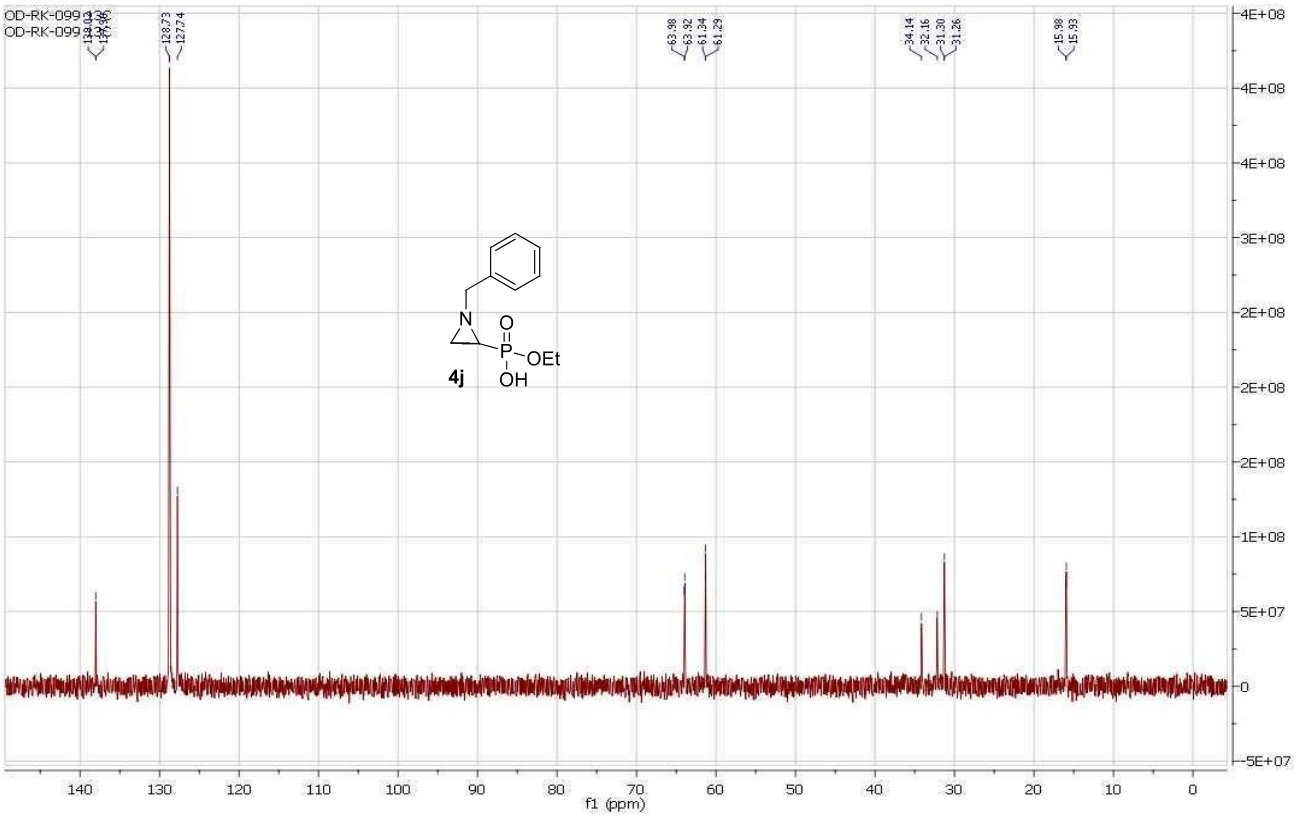


Figure S29: ^{13}C-NMR spectrum of compound **4j**

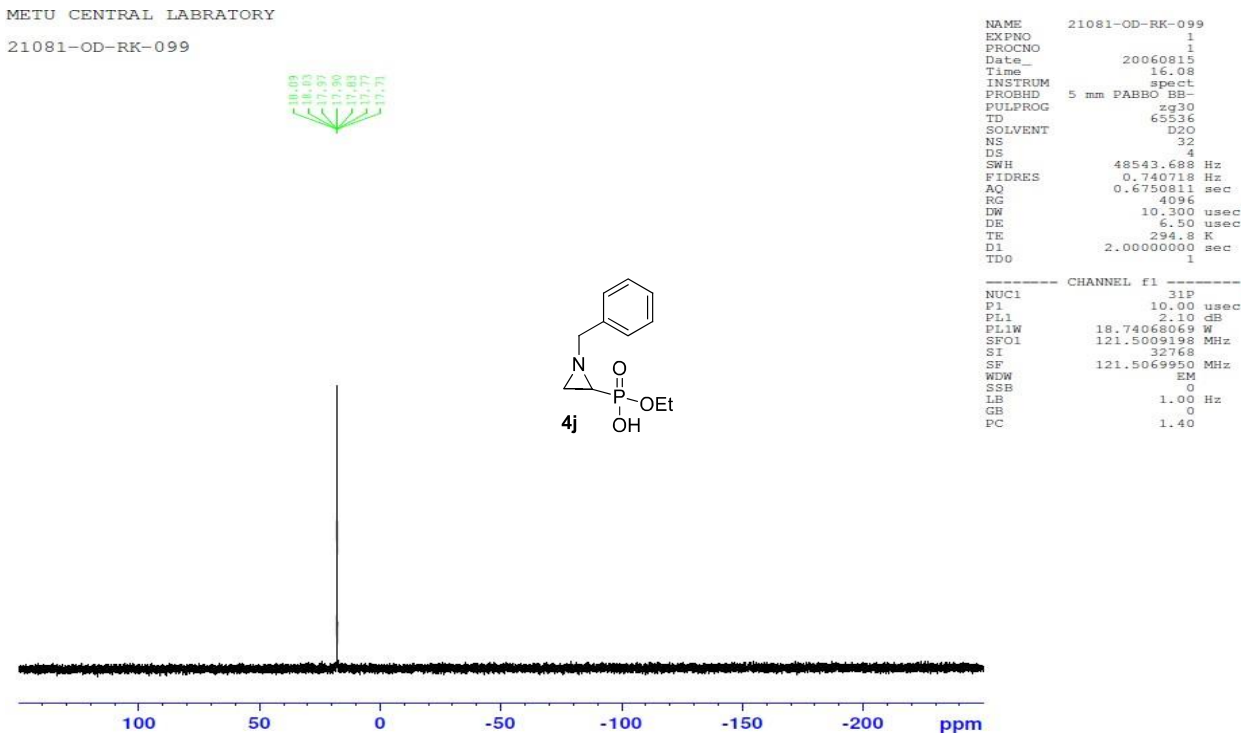


Figure S30: ^{31}P-NMR spectrum of compound **4j**

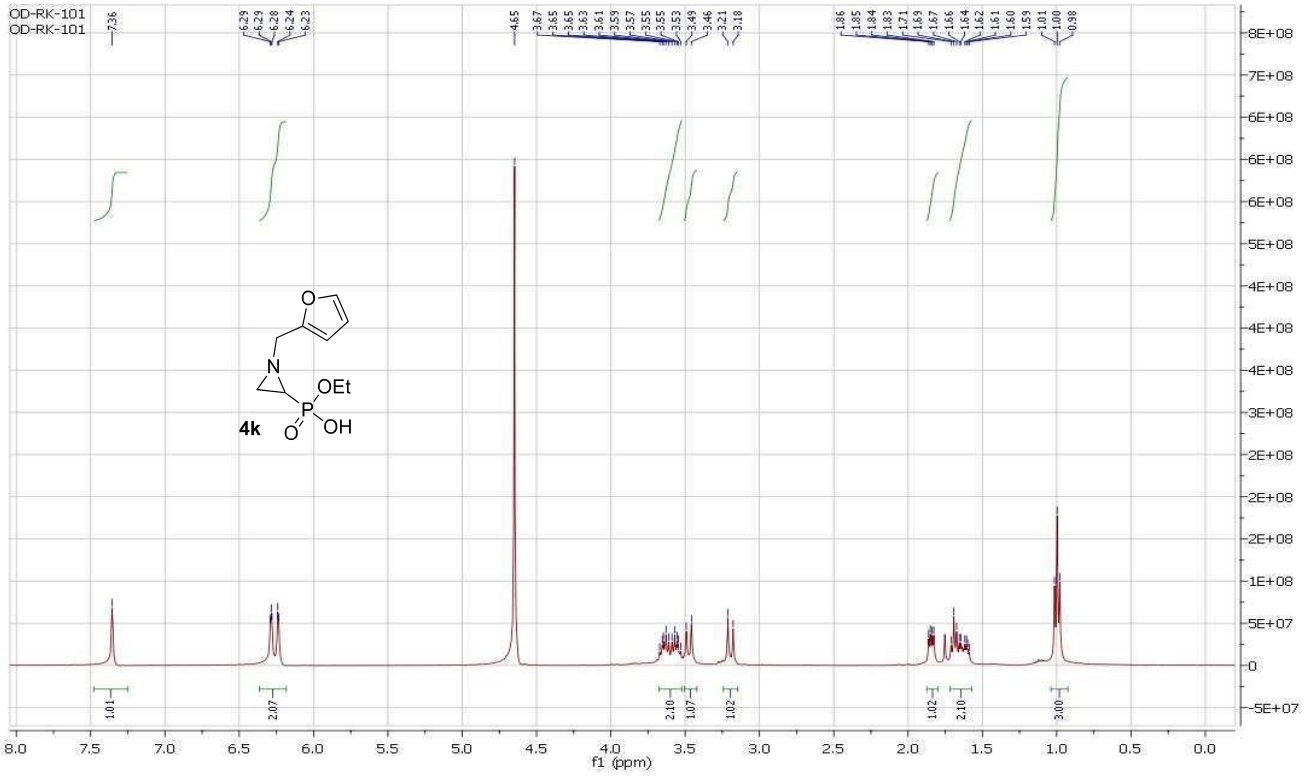
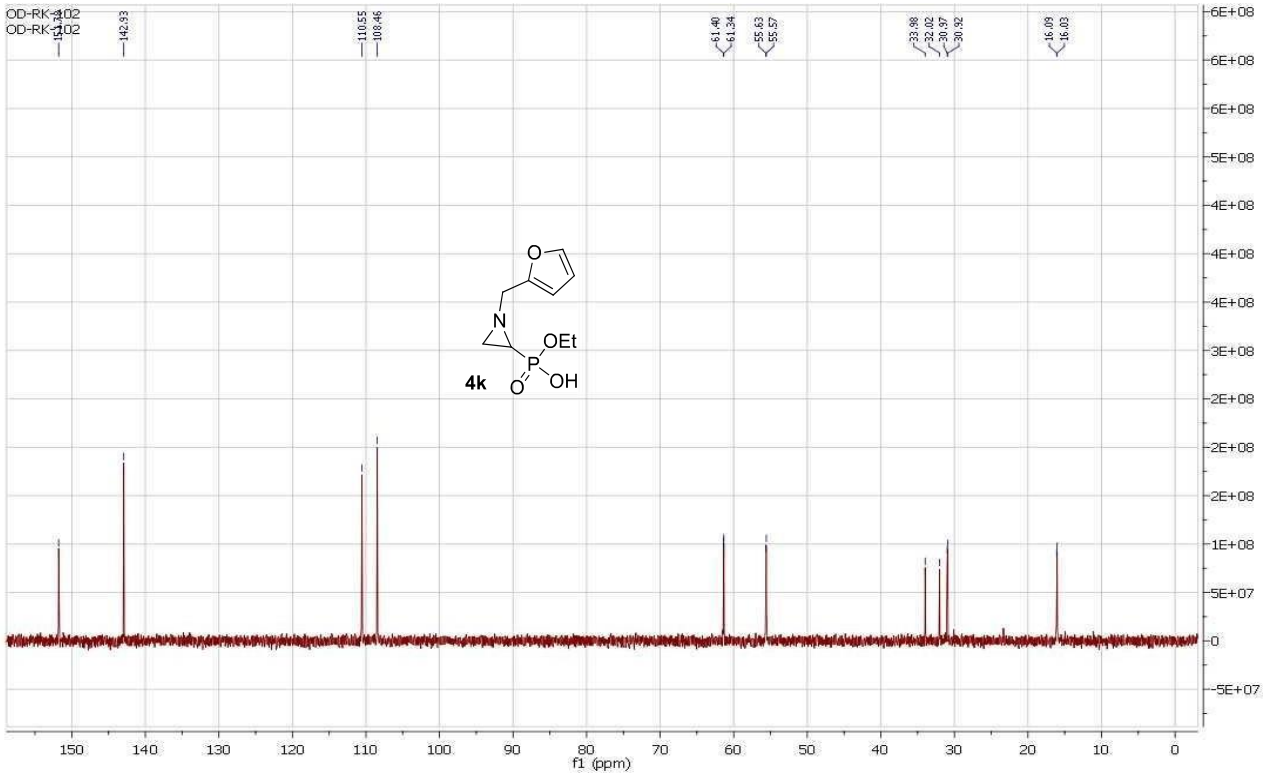


Figure S31: ^{1}H-NMR spectrum of compound **4k**



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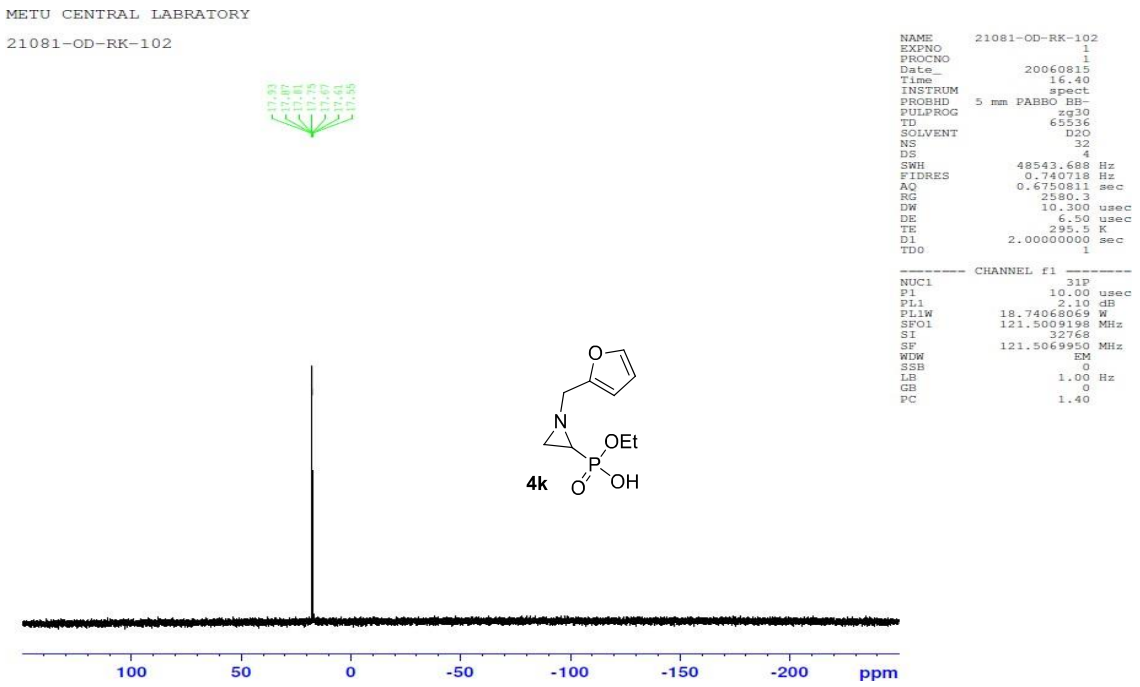

Figure S33: ^{31}P-NMR spectrum of compound **4k**

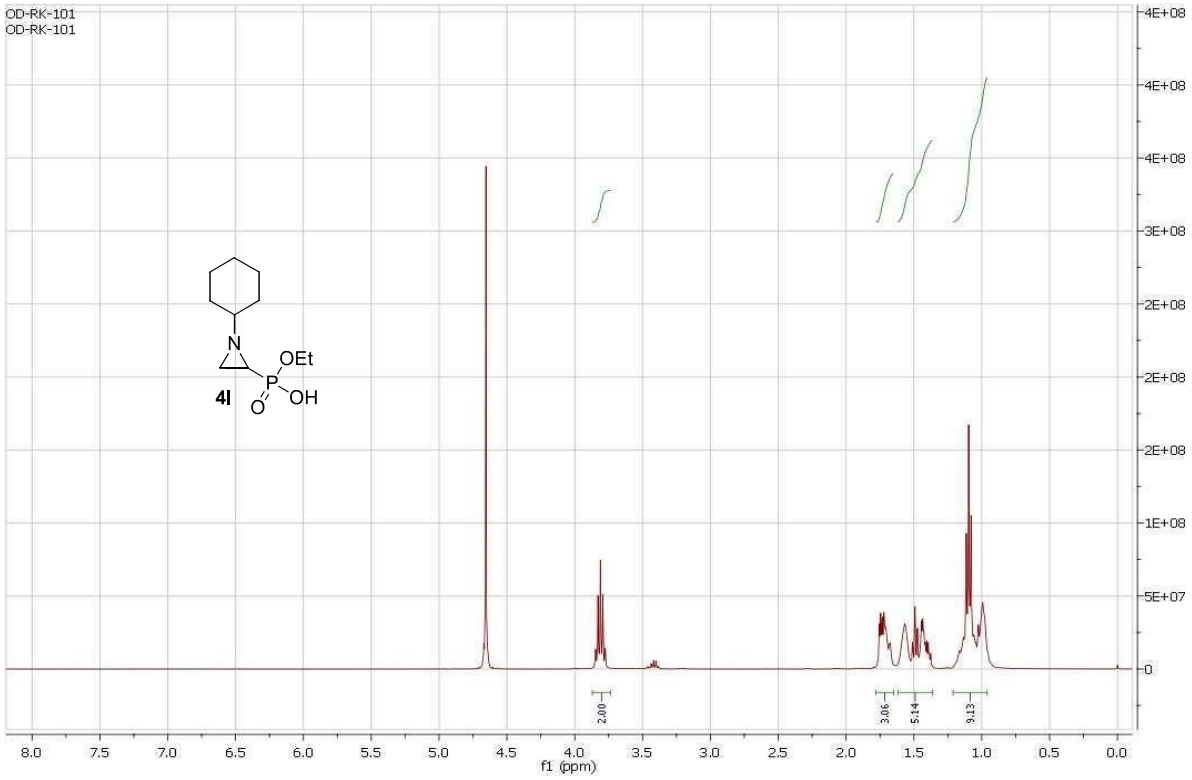

Figure S34: ^{1}H-NMR spectrum of compound **4l**

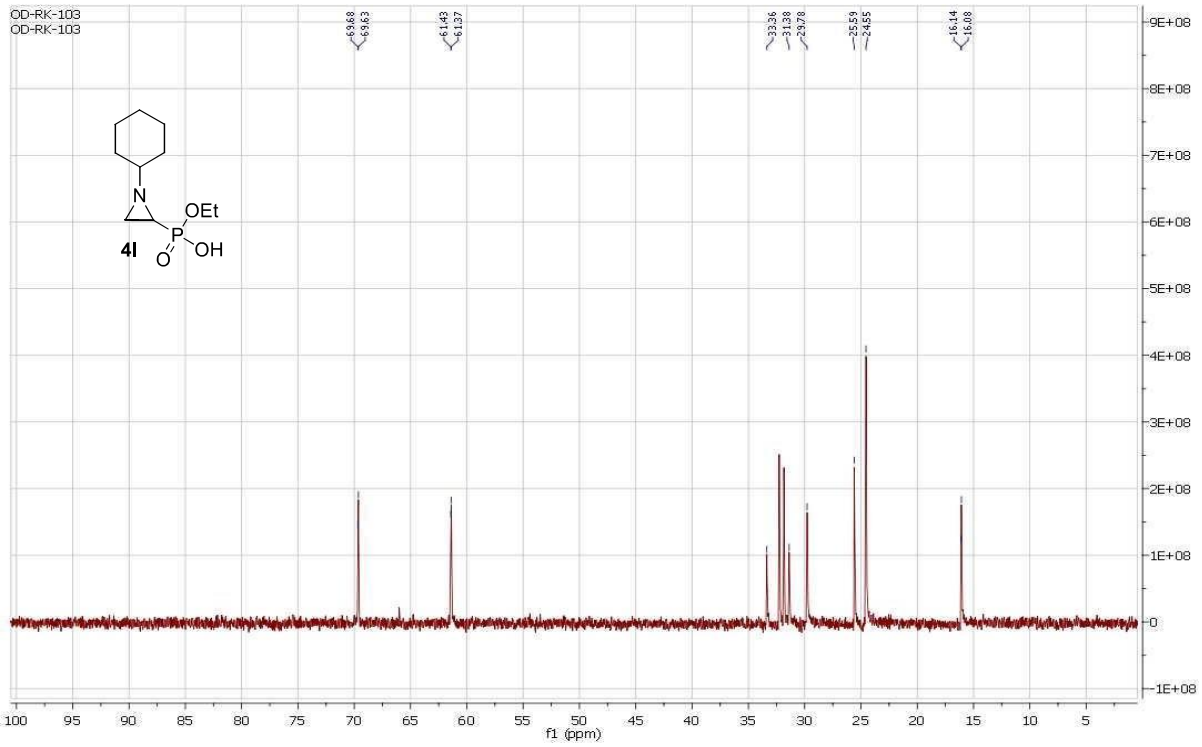

Figure S35: ^{13}C-NMR spectrum of compound **4l**

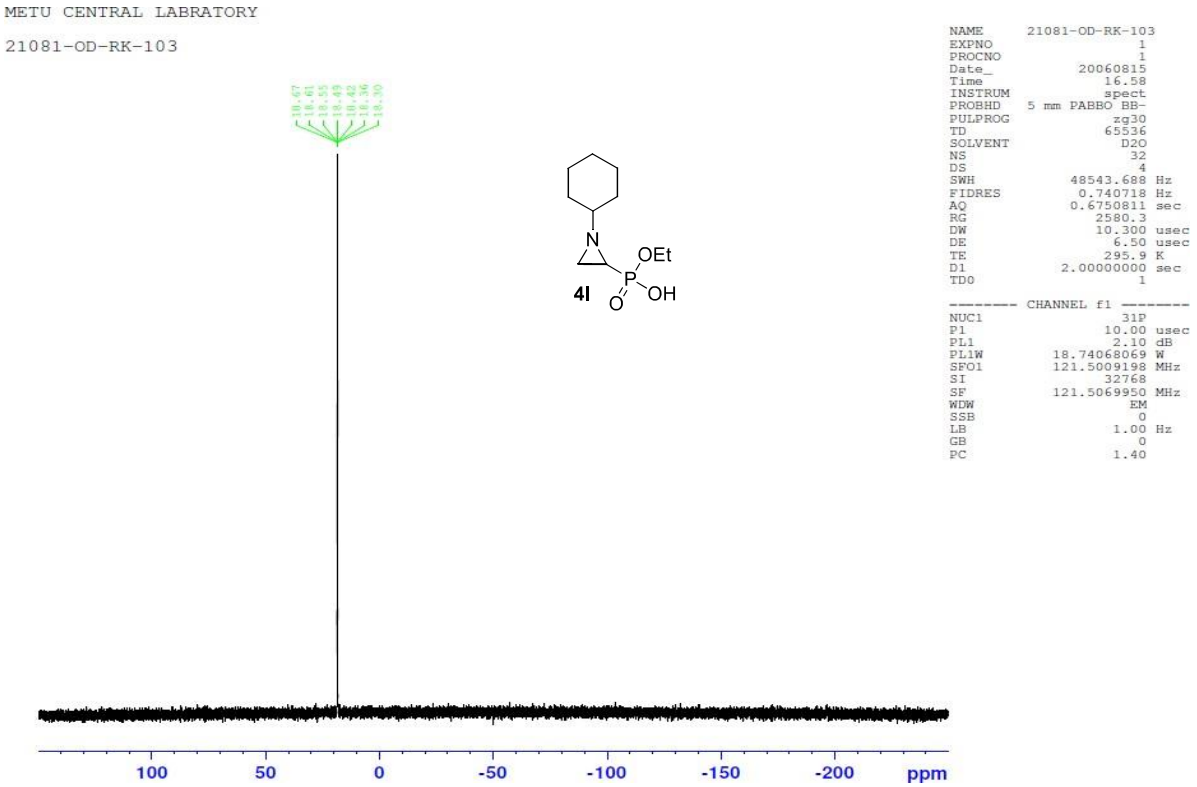

Figure S36: ^{31}P-NMR spectrum of compound **4l**