

Electronic Supporting Information

Chiral Hydroxymethyl-1*H*,3*H*-pyrrolo[1,2-*c*]thiazoles: the Search for Selective p53-Activating Agents for Colorectal Cancer Therapy

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Copies of ^1H , ^{13}C and ^{19}F NMR Spectra for New Compounds

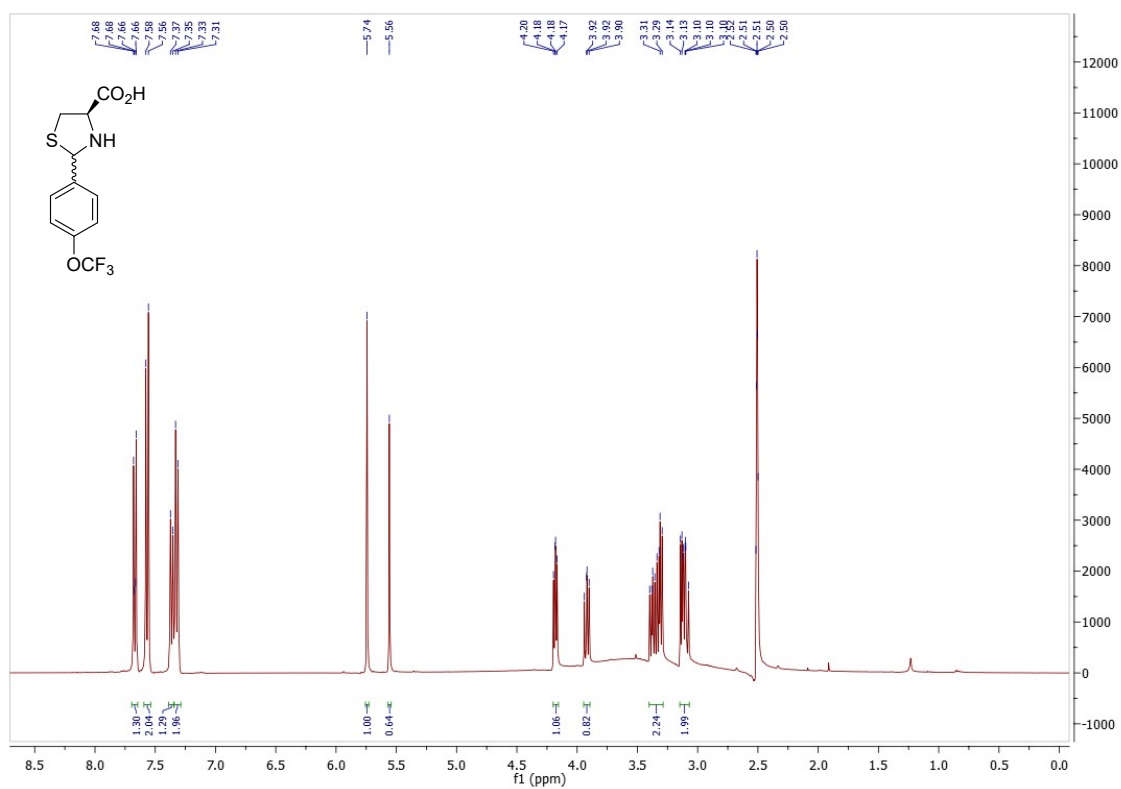


Figure S1: ^1H NMR spectrum of compound **2c** (400 MHz, $\text{DMSO}-d_6$).

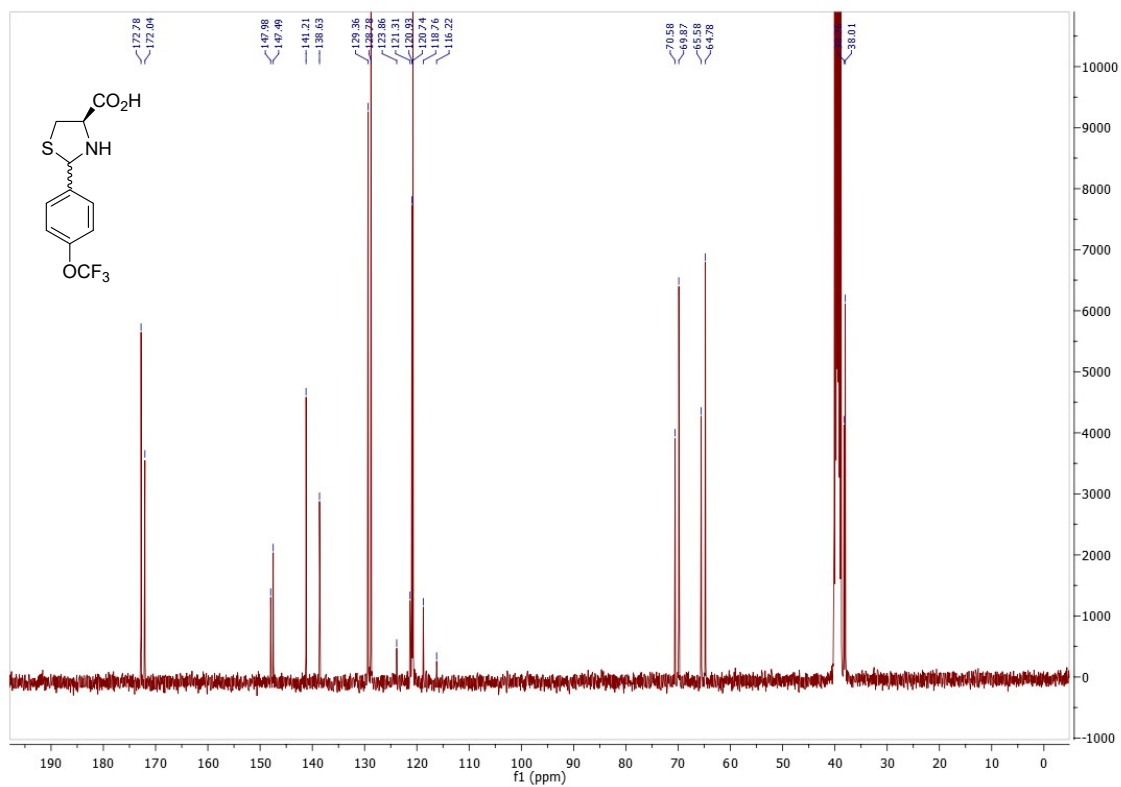


Figure S2: ^{13}C NMR spectrum of compound **2c** (100 MHz, $\text{DMSO}-d_6$).

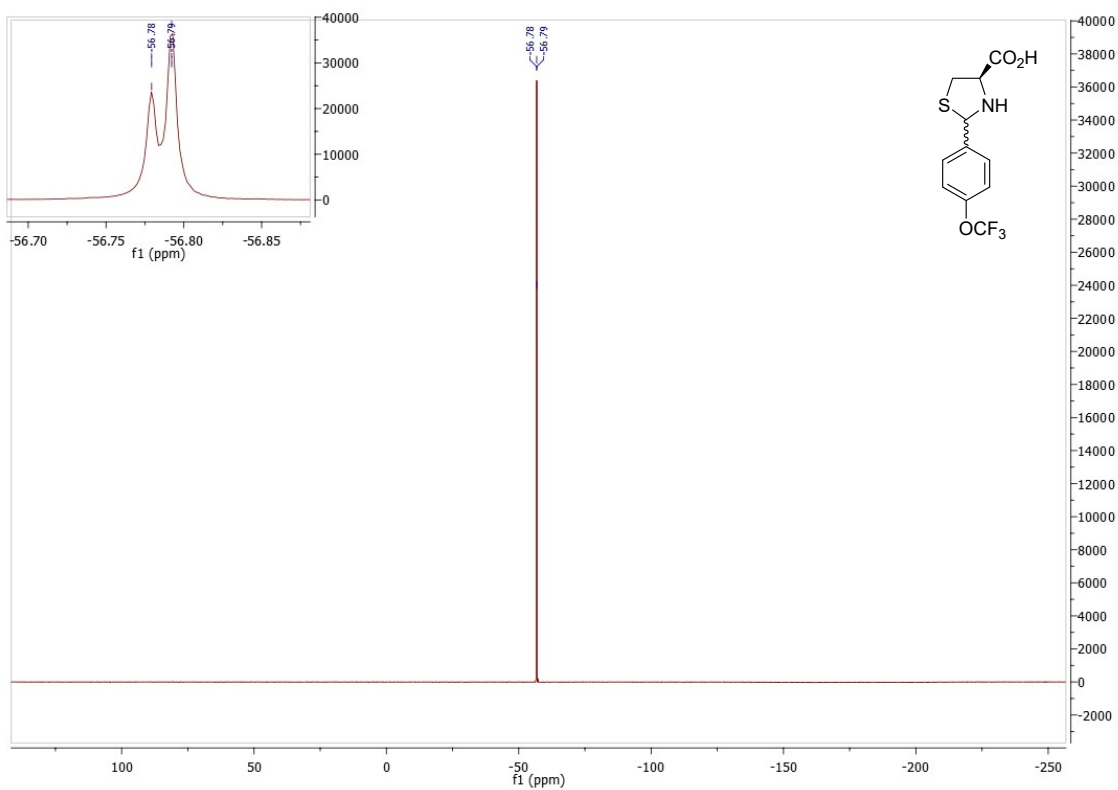


Figure S3: ^{19}F NMR spectrum of compound **2c** (376 MHz, $\text{DMSO-}d_6$).

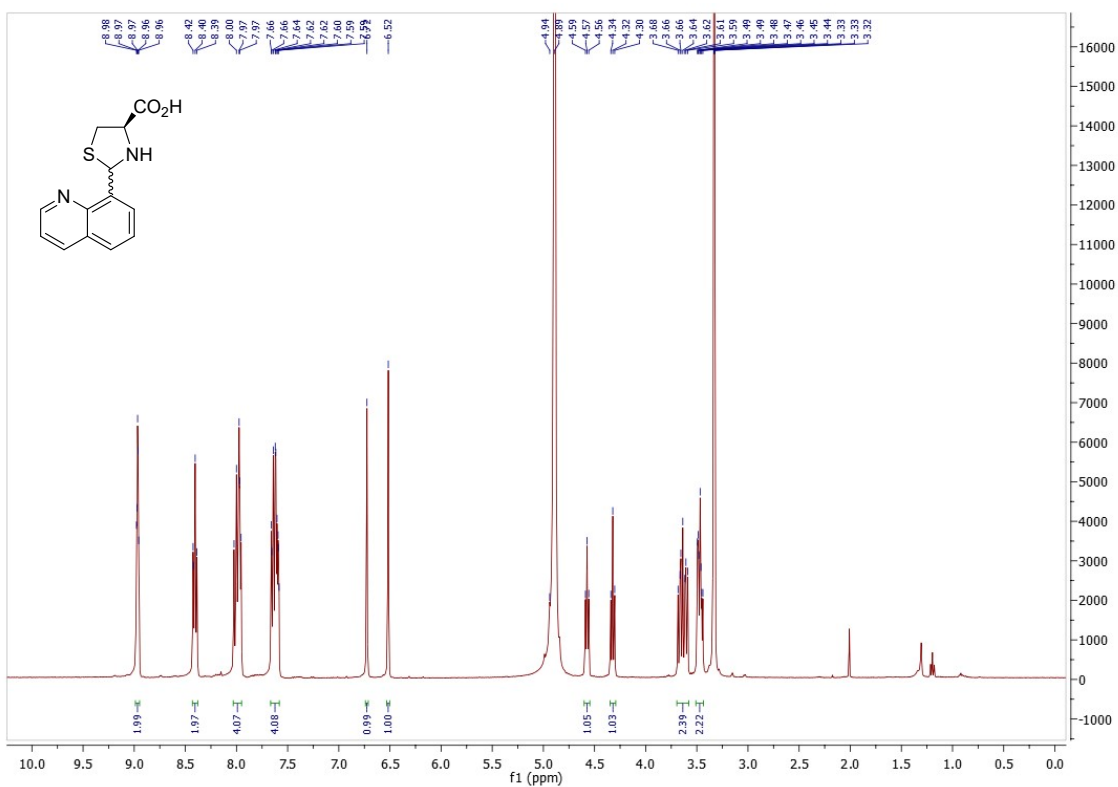


Figure S4: ^1H NMR spectrum of compound **2e** (400 MHz, CD_3OD).

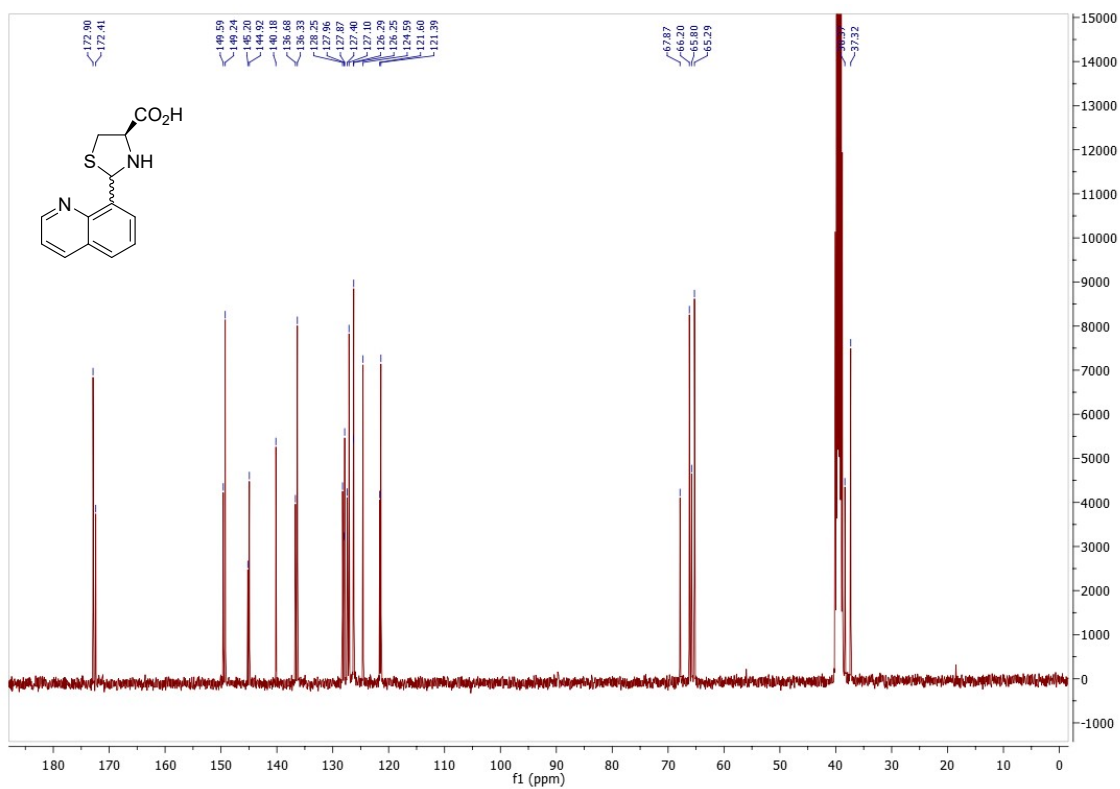


Figure S5: ¹³C NMR spectrum of compound **2** (100 MHz, DMSO-*d*₆).

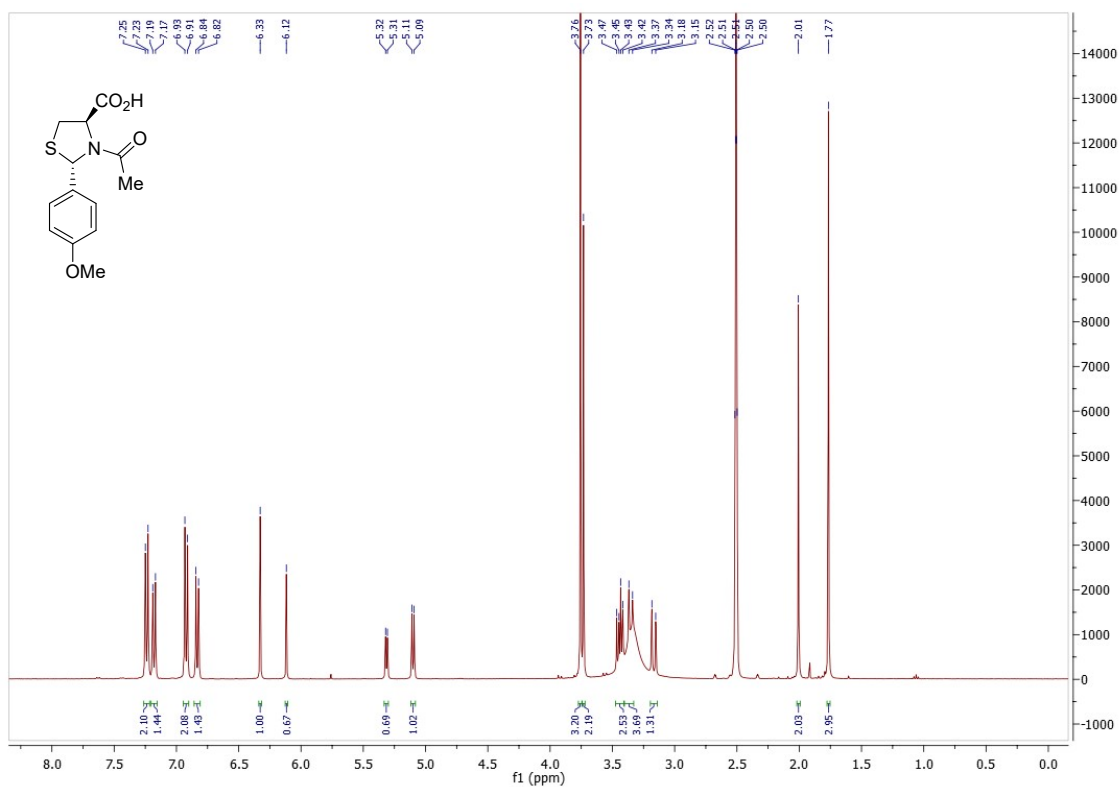


Figure S6: ¹H NMR spectrum of compound **5** (400 MHz, DMSO-*d*₆).

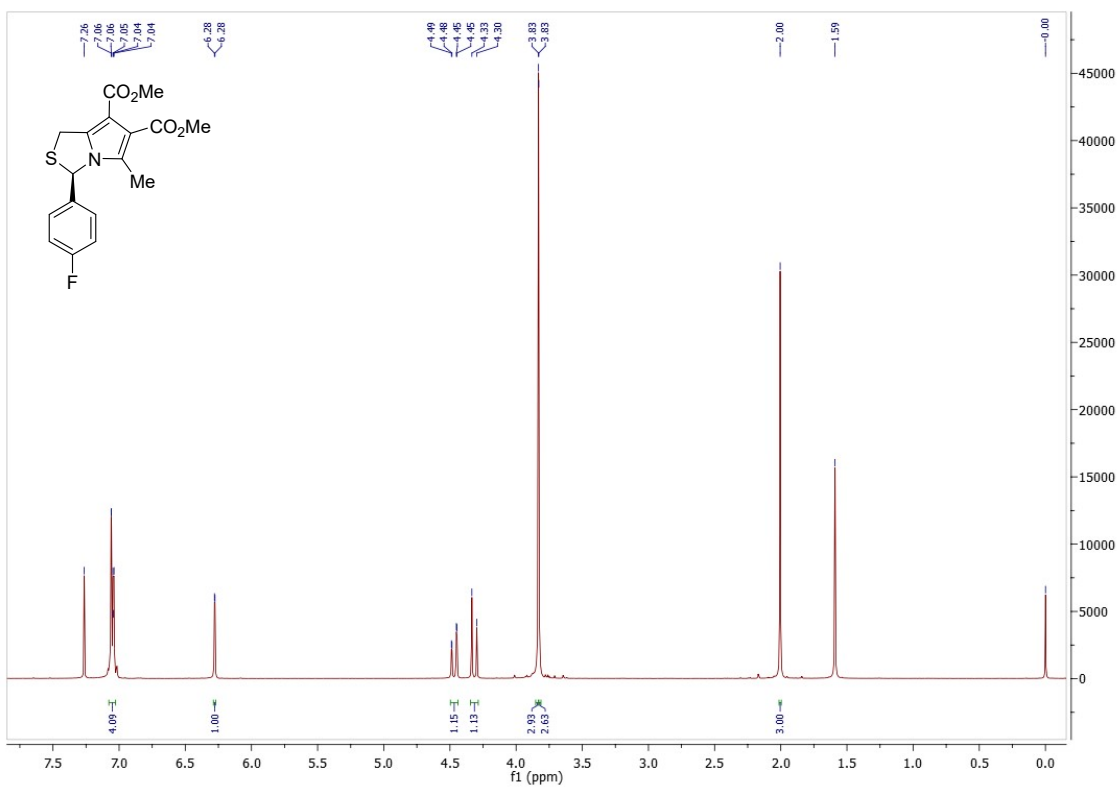


Figure S7: ¹H NMR spectrum of compound 3a (400 MHz, CDCl₃).

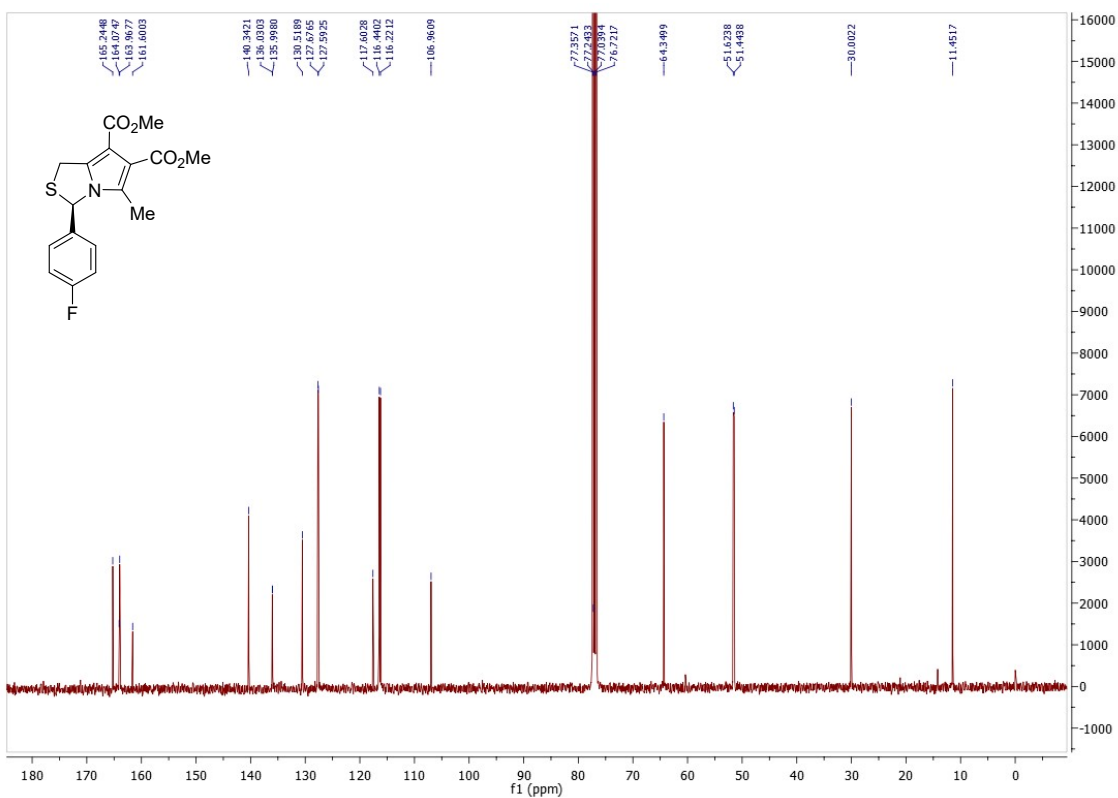


Figure S8: ¹³C NMR spectrum of compound 3a (100 MHz, CDCl₃).

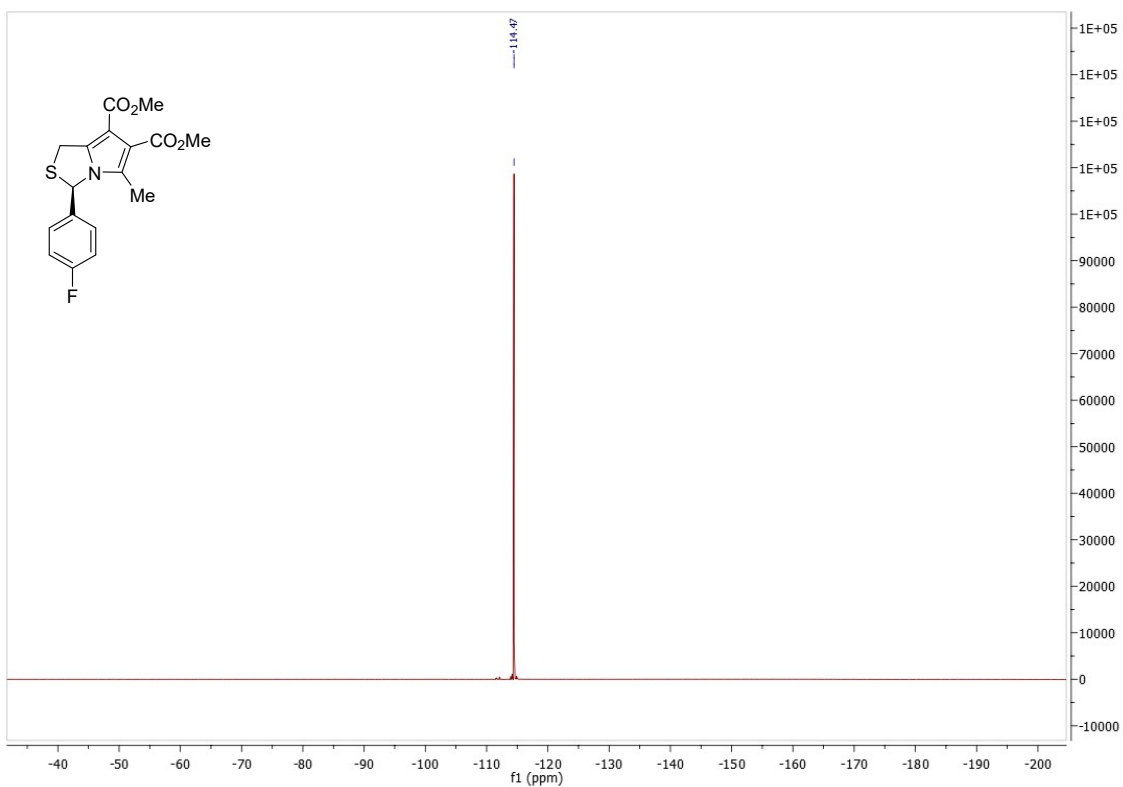


Figure S9: ^{19}F NMR spectrum of compound 3a (376 MHz, CDCl_3).

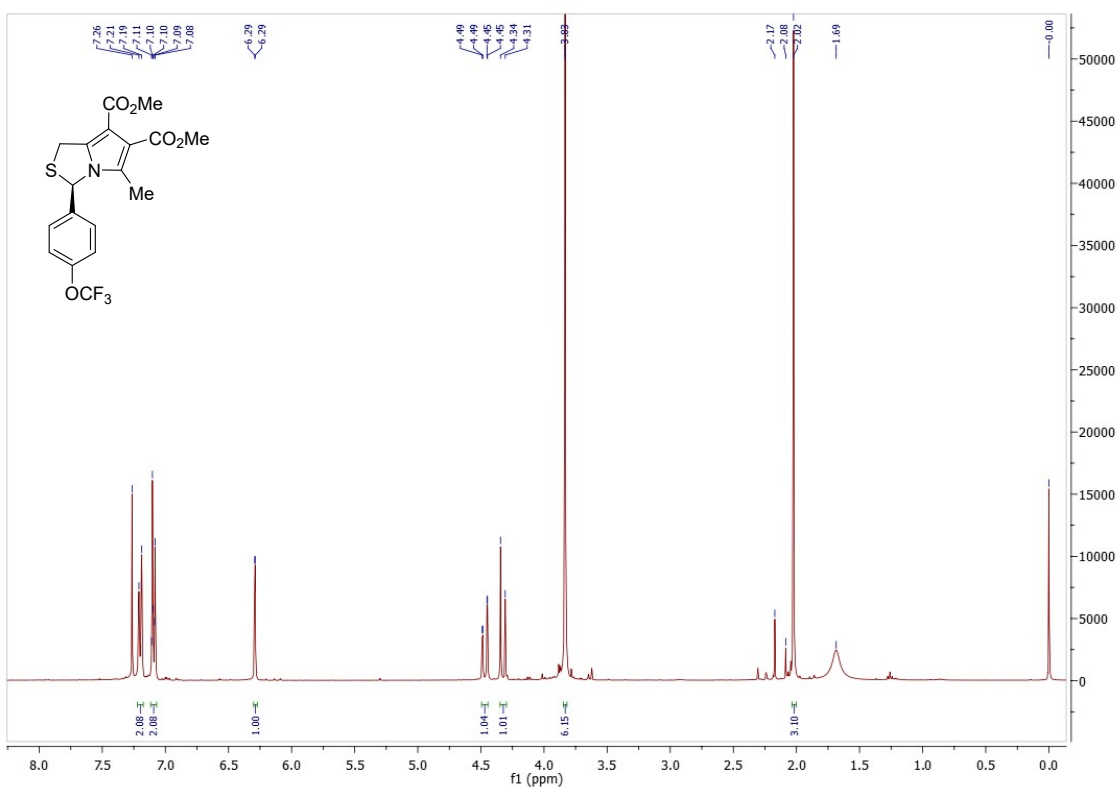


Figure S10: ^1H NMR spectrum of compound 3b (400 MHz, CDCl_3).

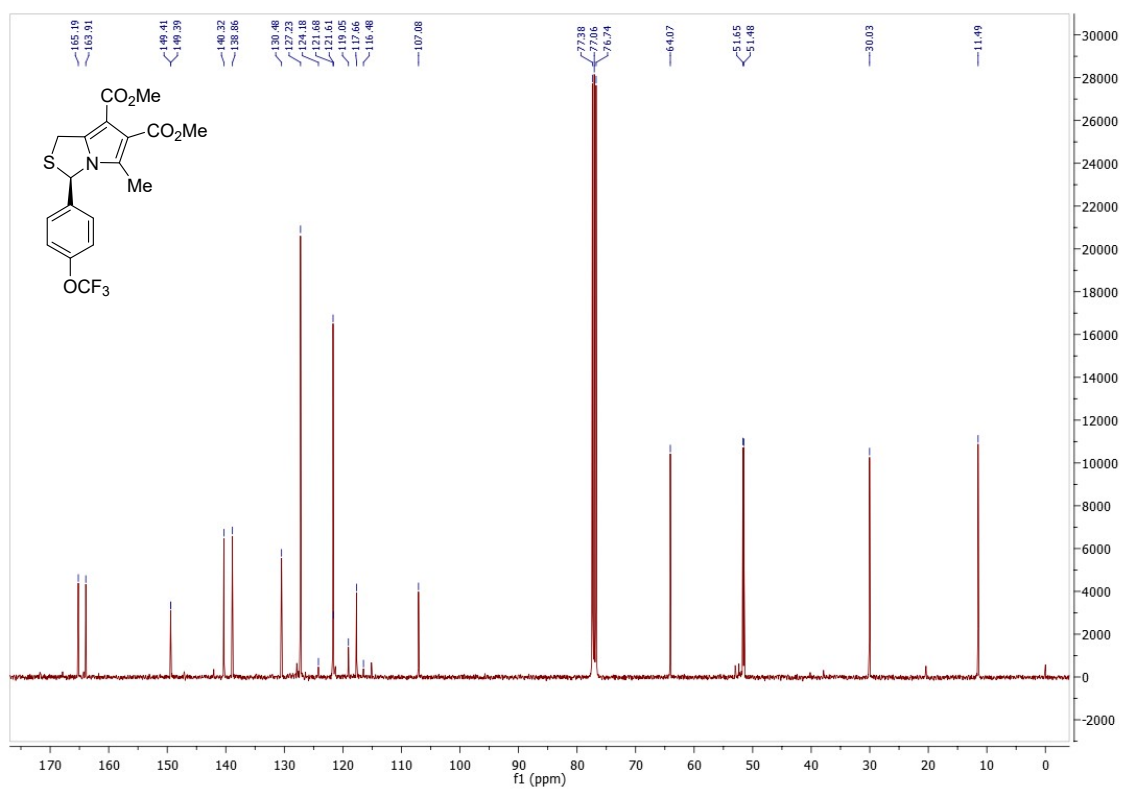


Figure S11: ^{13}C NMR spectrum of compound **3b** (100 MHz, CDCl_3).

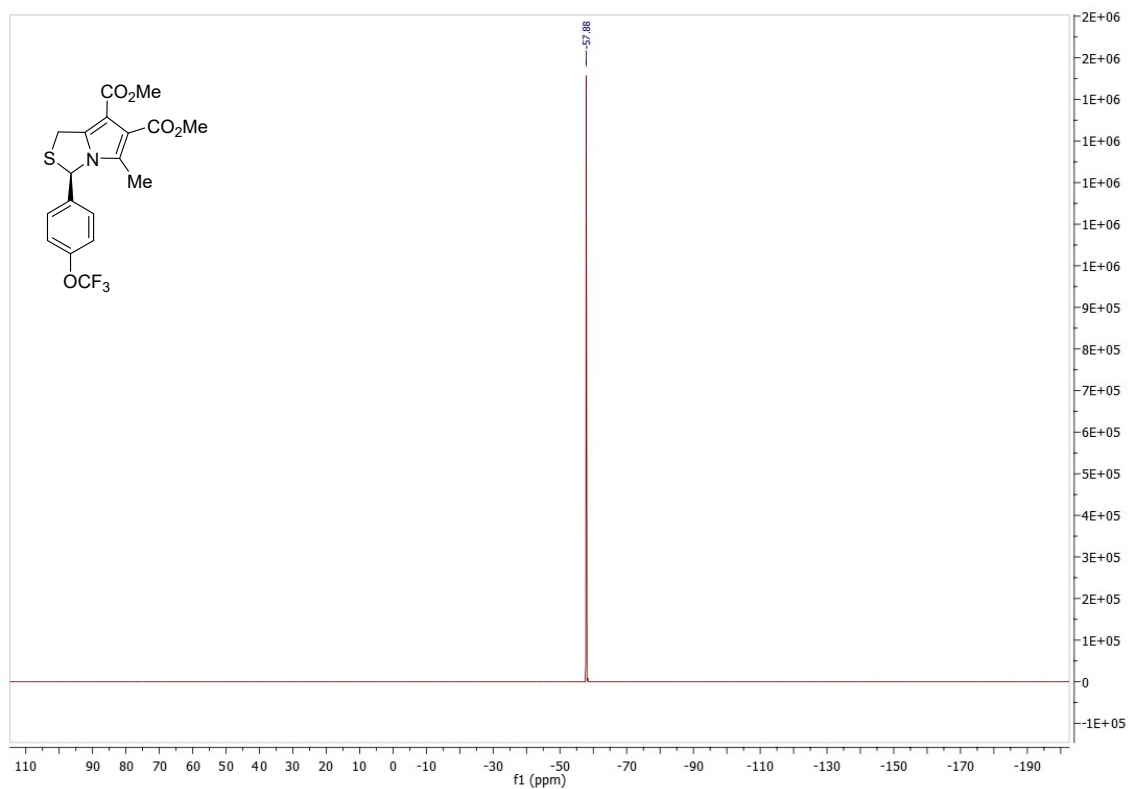
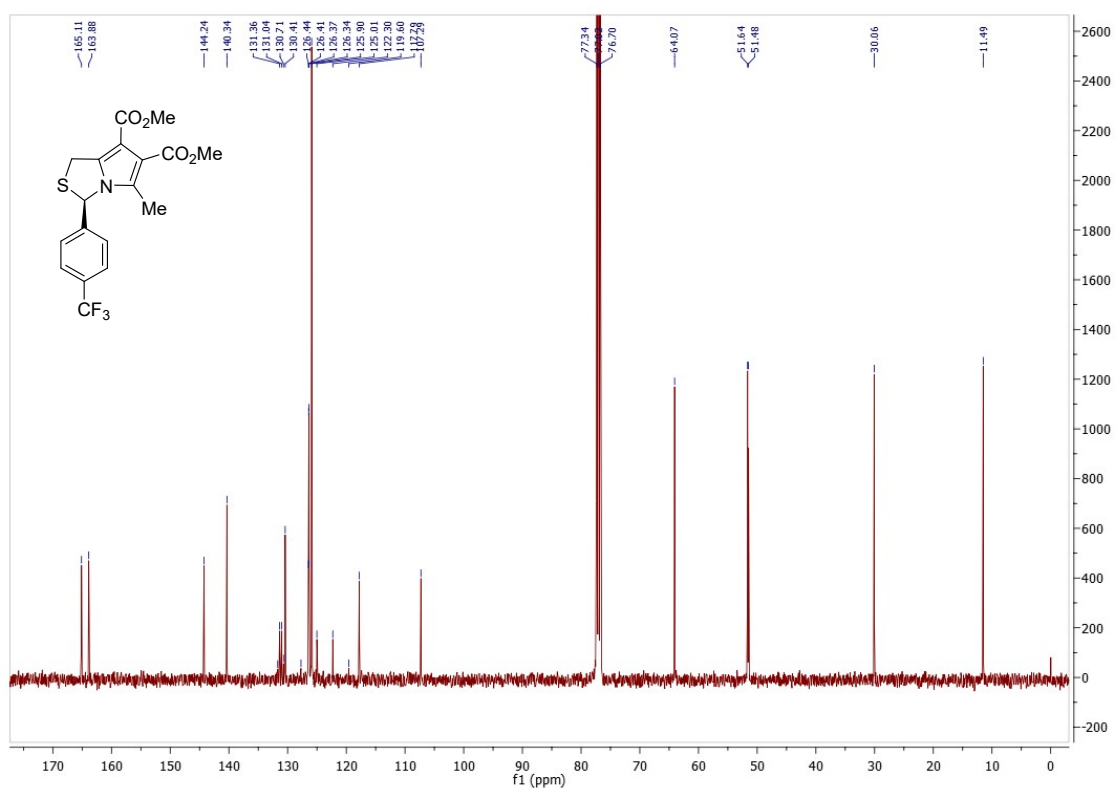
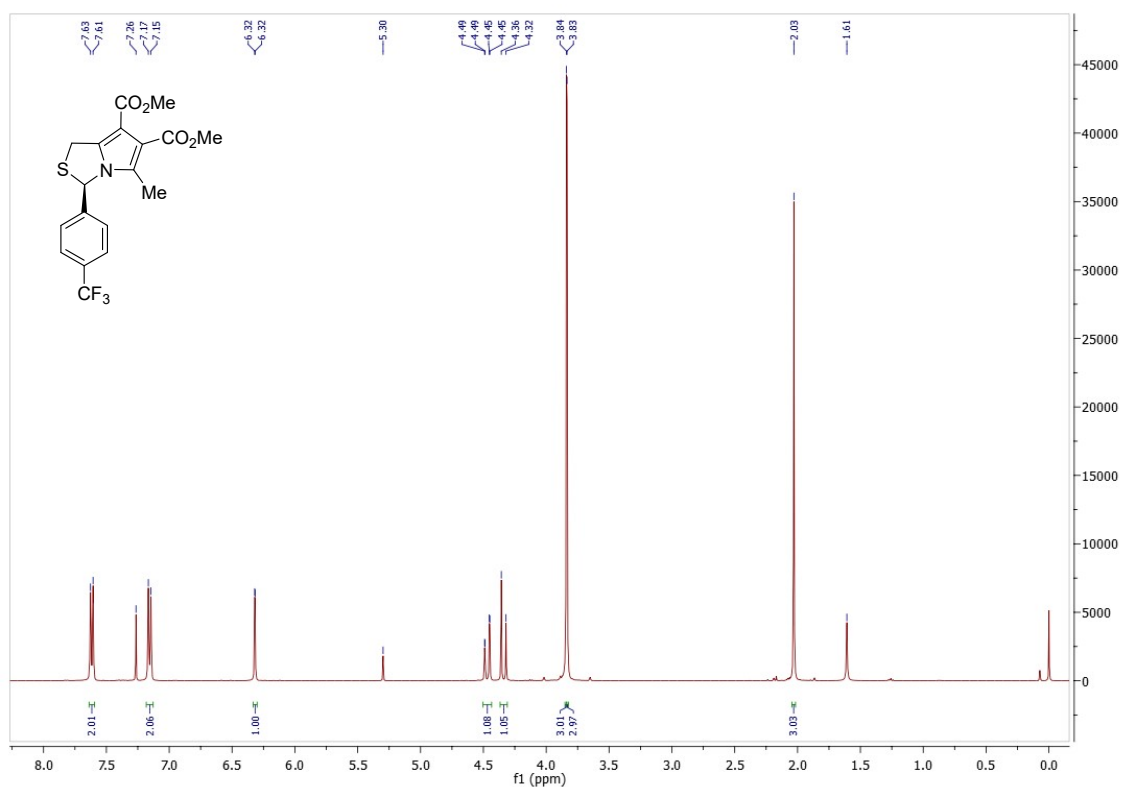


Figure S12: ^{19}F NMR spectrum of compound **3b** (376 MHz, CDCl_3).



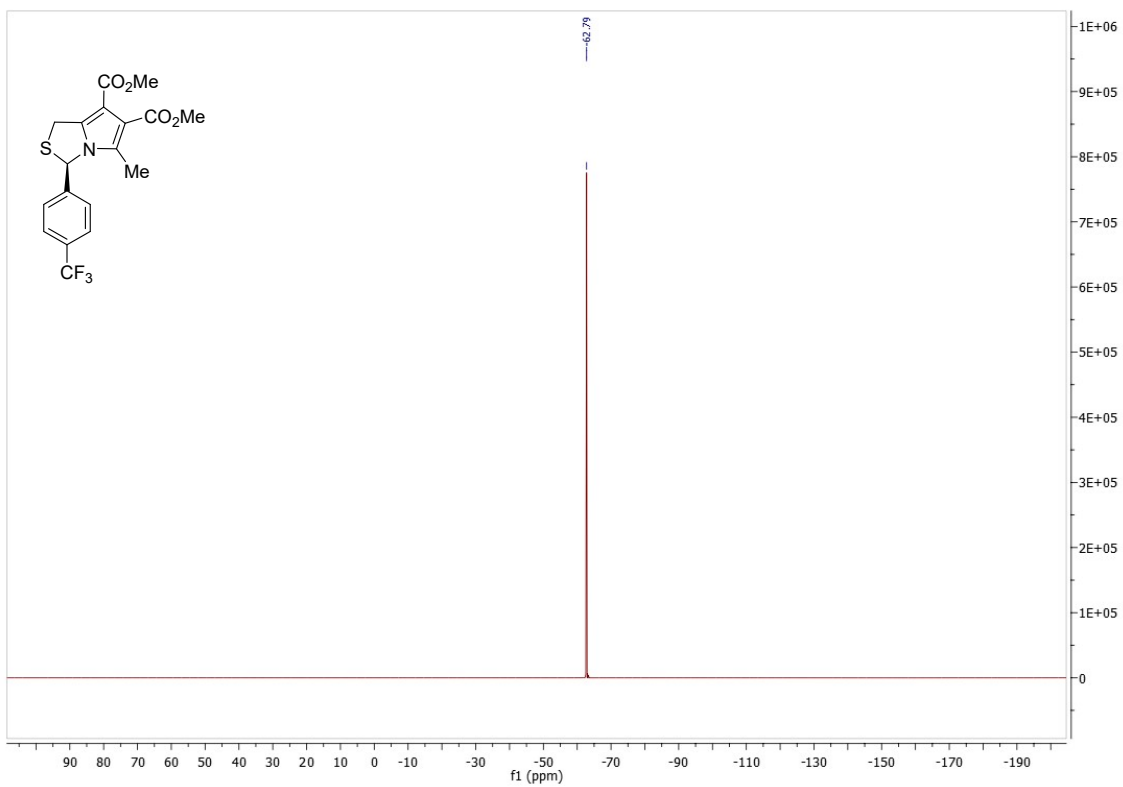


Figure S15: ^{19}F NMR spectrum of compound **3c** (376 MHz, CDCl_3).

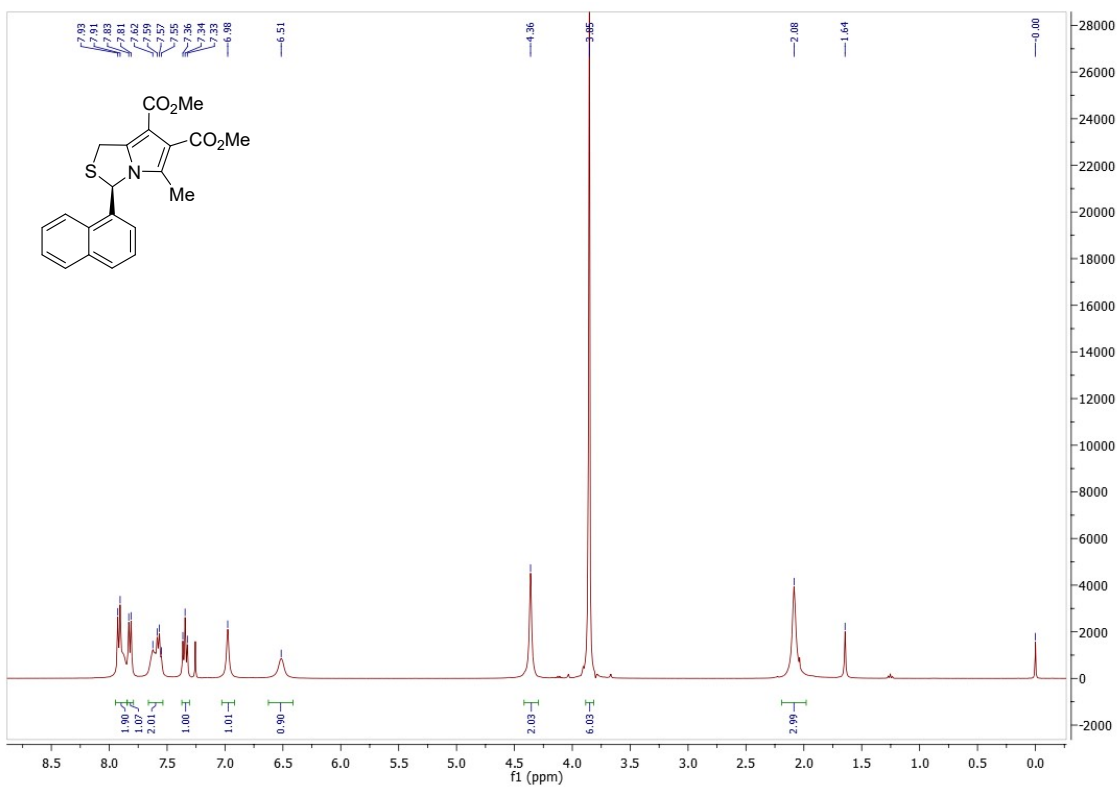


Figure S16: ^1H NMR spectrum of compound **3d** (400 MHz, CDCl_3).

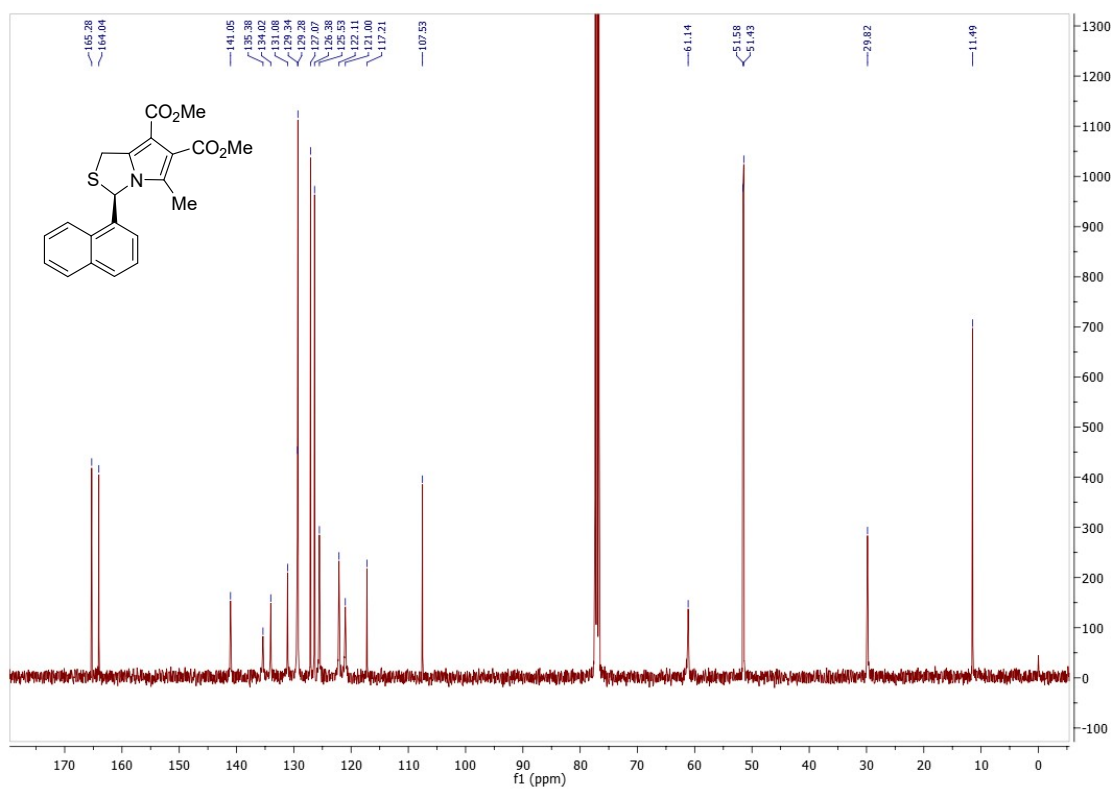


Figure S17: ^{13}C NMR spectrum of compound **3d** (100 MHz, CDCl_3).

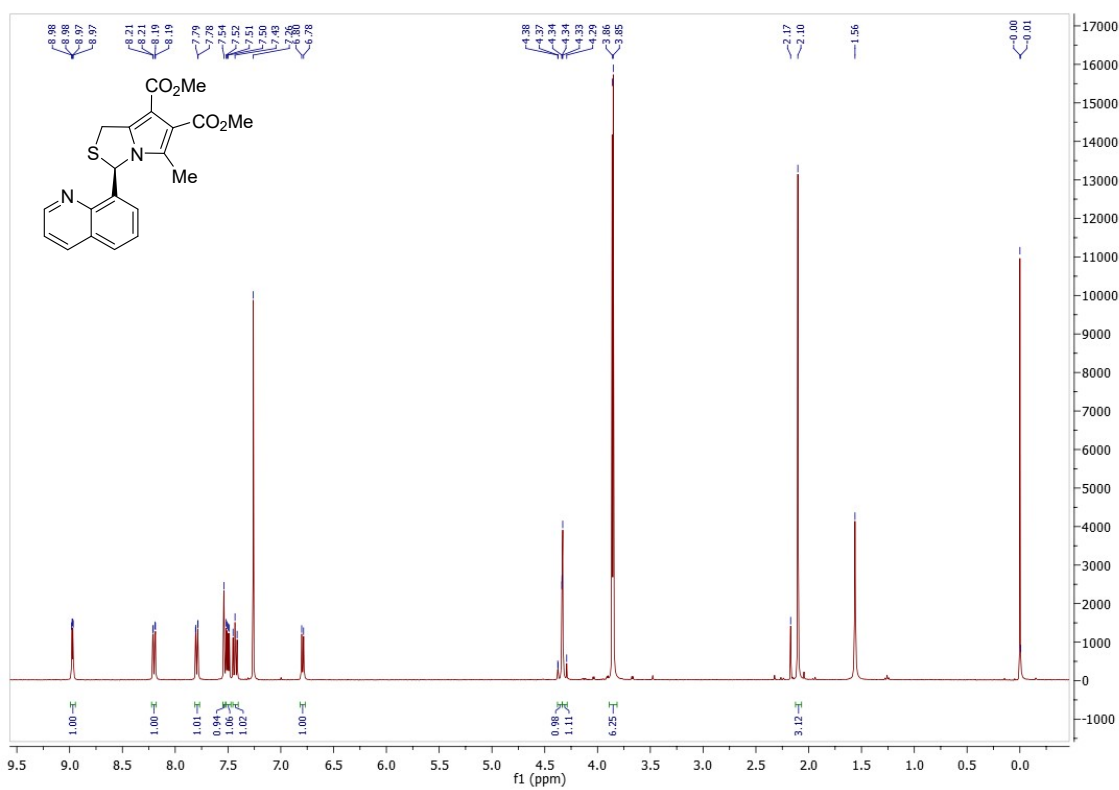


Figure S18: ^1H NMR spectrum of compound **3e** (400 MHz, CDCl_3).

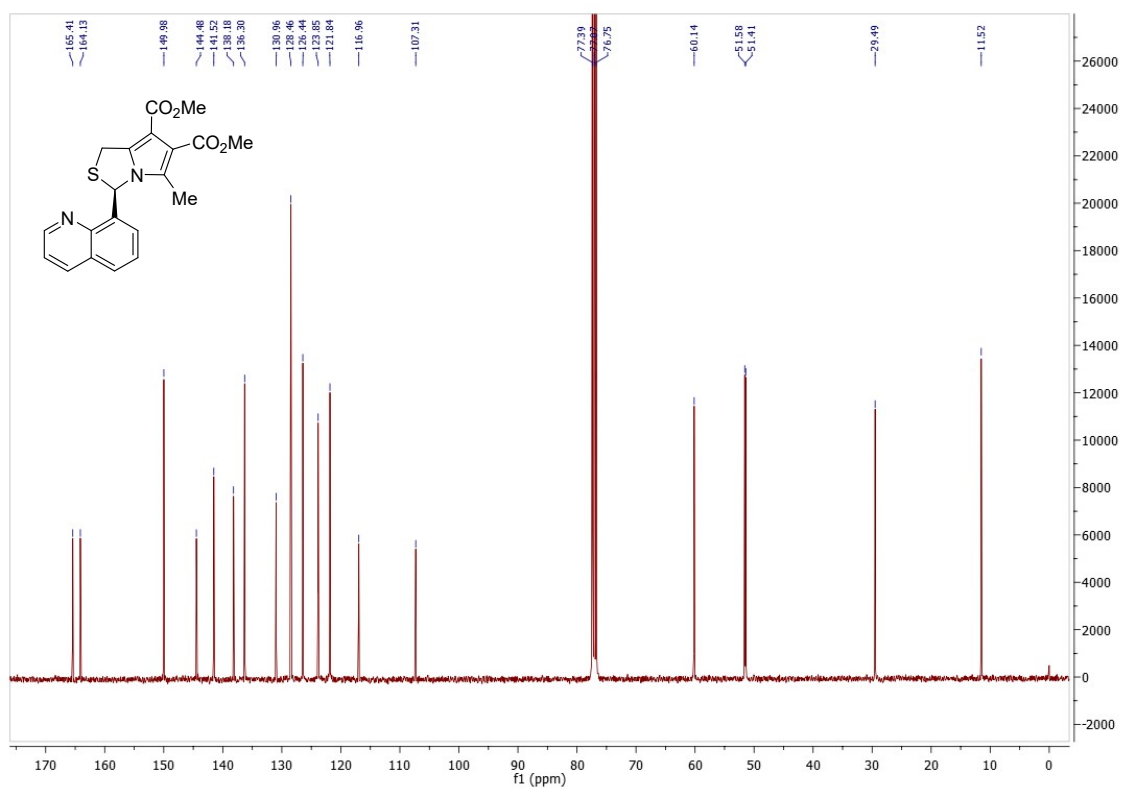


Figure S19: ¹³C NMR spectrum of compound 3e (100 MHz, CDCl₃).

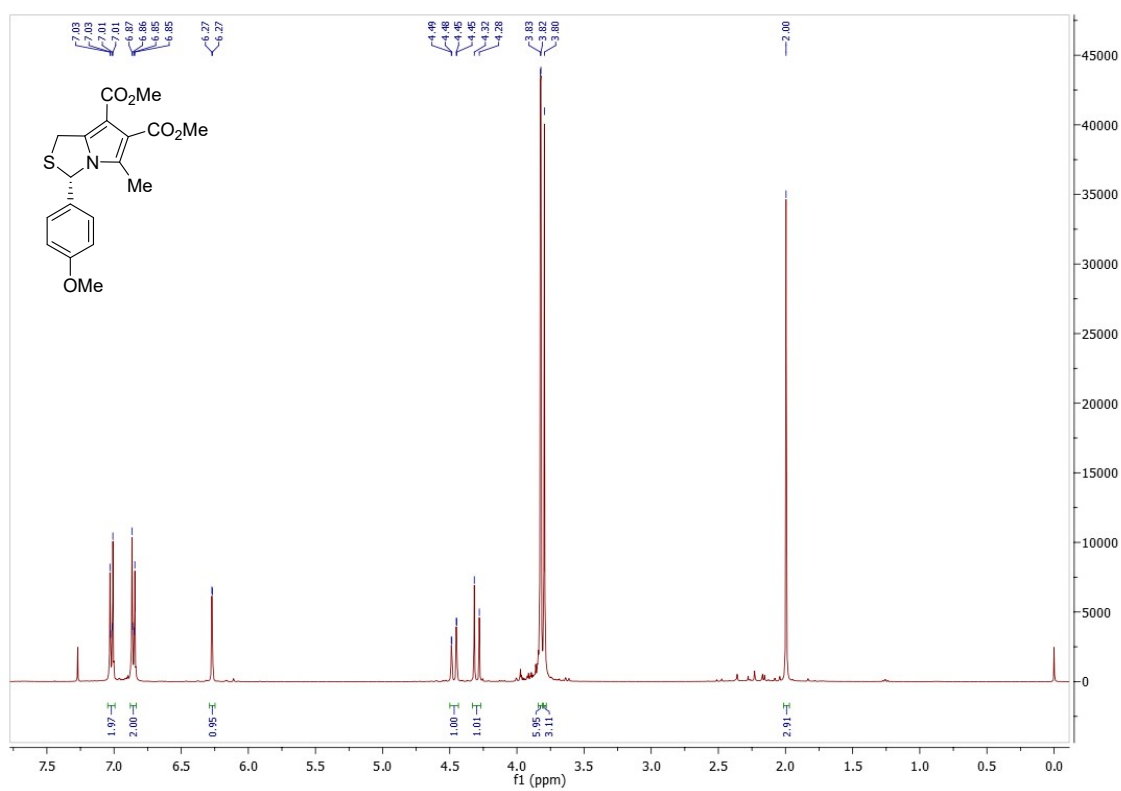


Figure S20: ¹H NMR spectrum of compound 6 (400 MHz, CDCl₃).

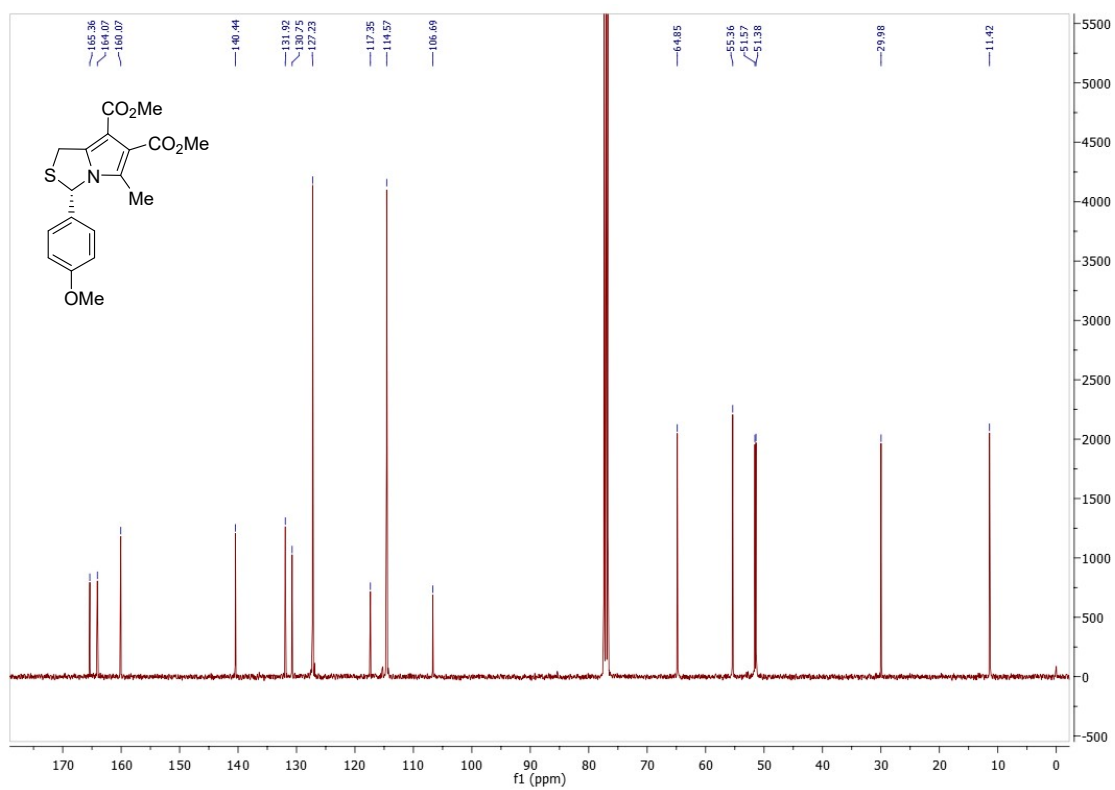


Figure S21: ¹³C NMR spectrum of compound 6 (100 MHz, CDCl₃).

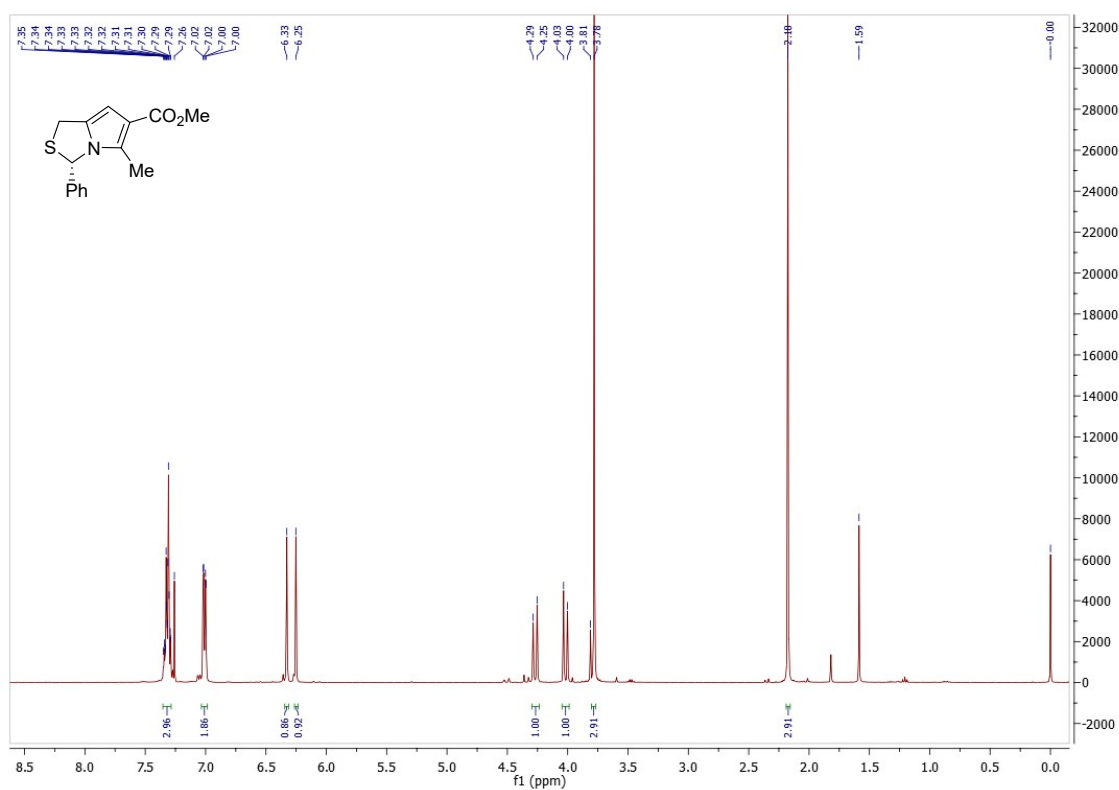


Figure S22: ¹H NMR spectrum of compound 10 (400 MHz, CDCl₃).

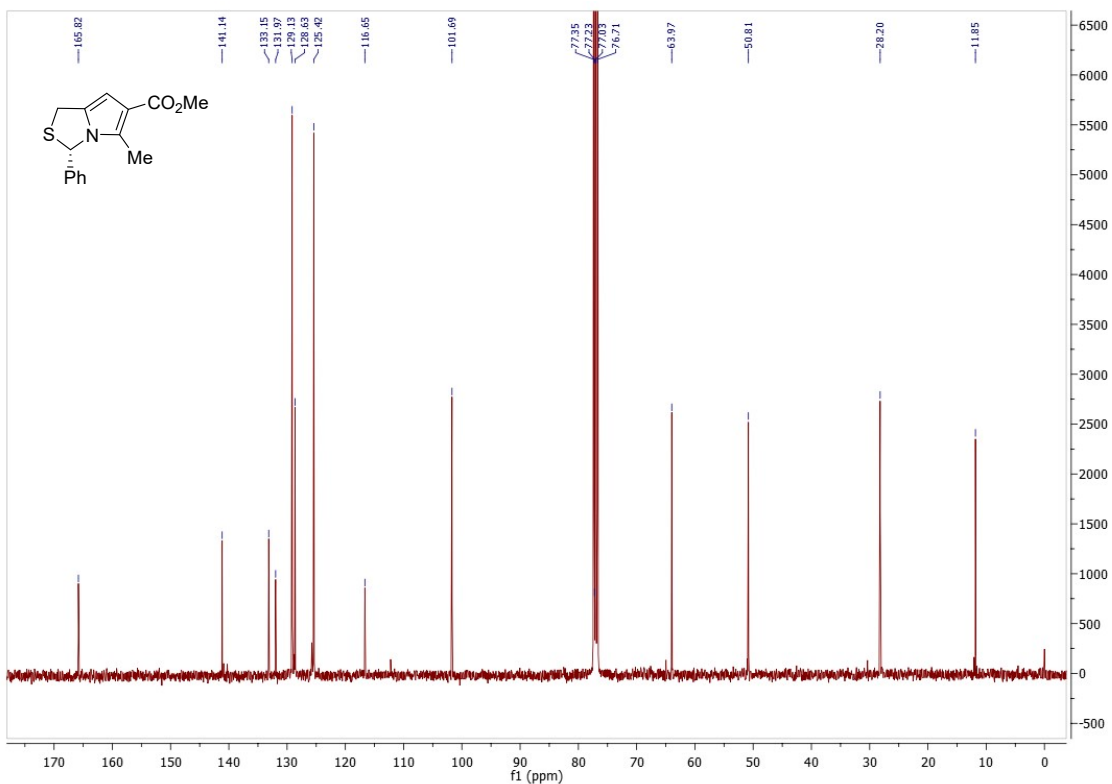


Figure S23: ^{13}C NMR spectrum of compound **10** (100 MHz, CDCl_3).

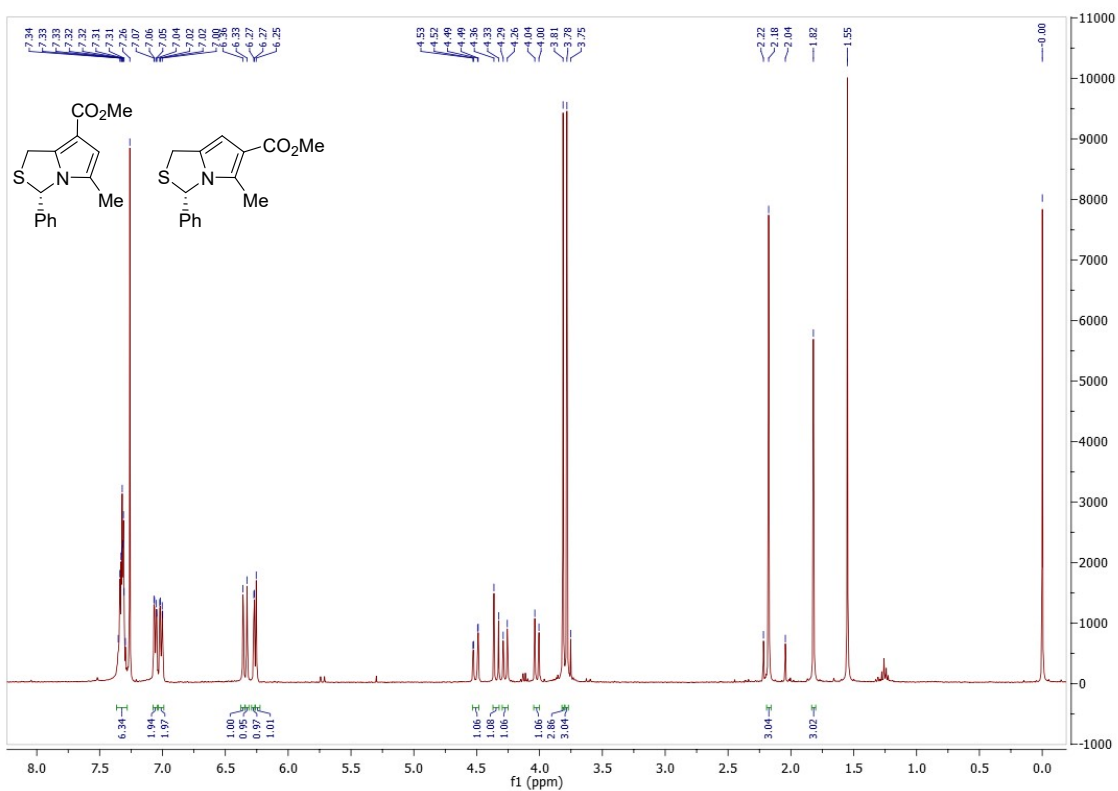


Figure S24: ^1H NMR spectrum of the mixture of compounds **9** and **10** (400 MHz, CDCl_3).

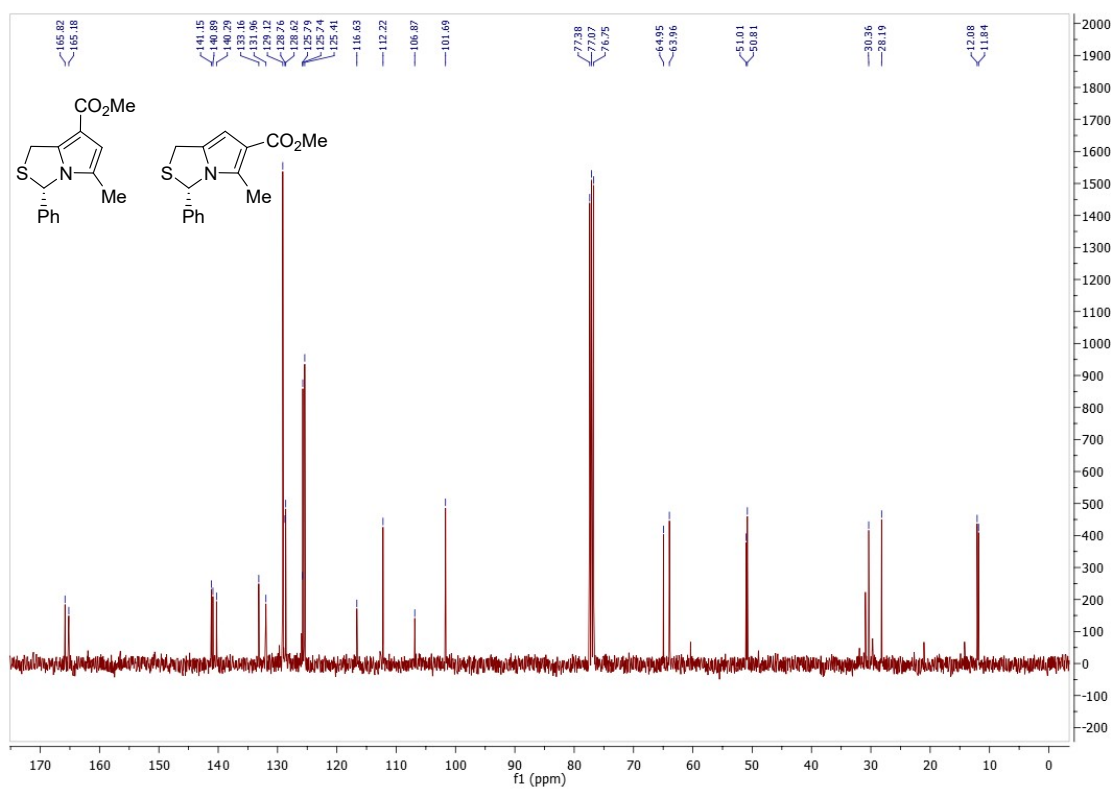


Figure S25: ^{13}C NMR spectrum of the mixture of compounds **9** and **10** (100 MHz, CDCl_3).

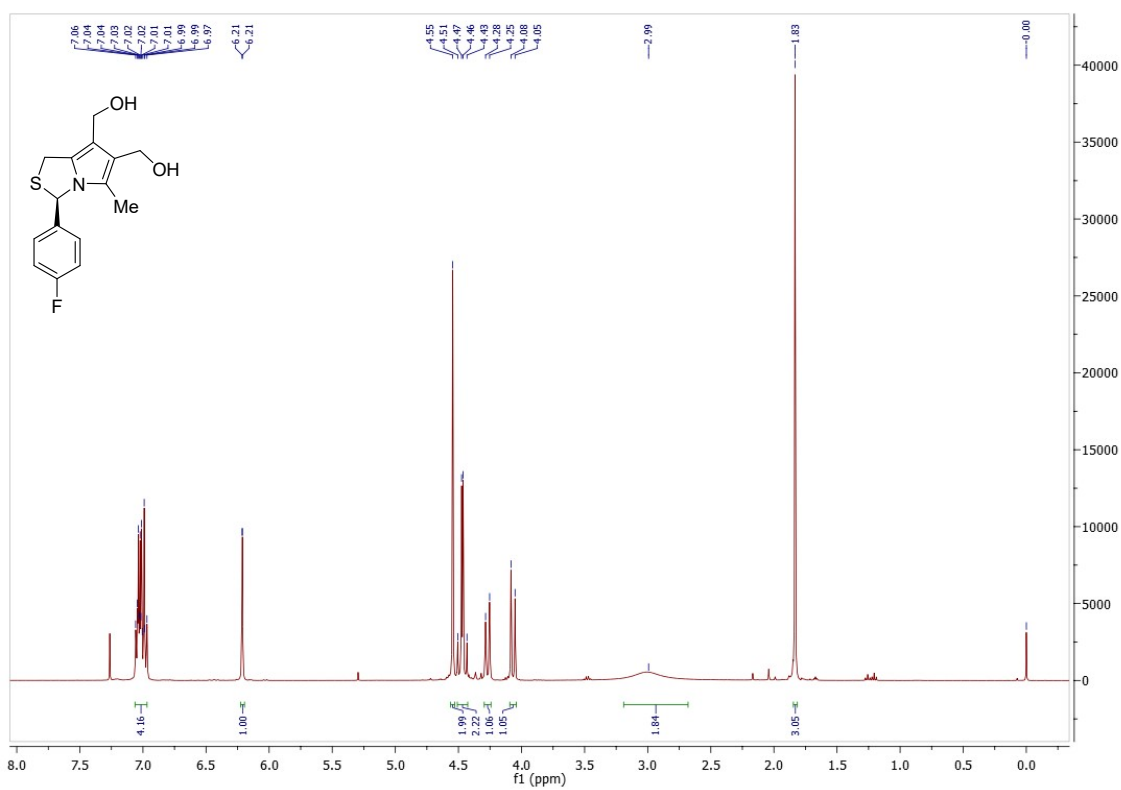


Figure S26: ^1H NMR spectrum of compound **4a** (400 MHz, CDCl_3).

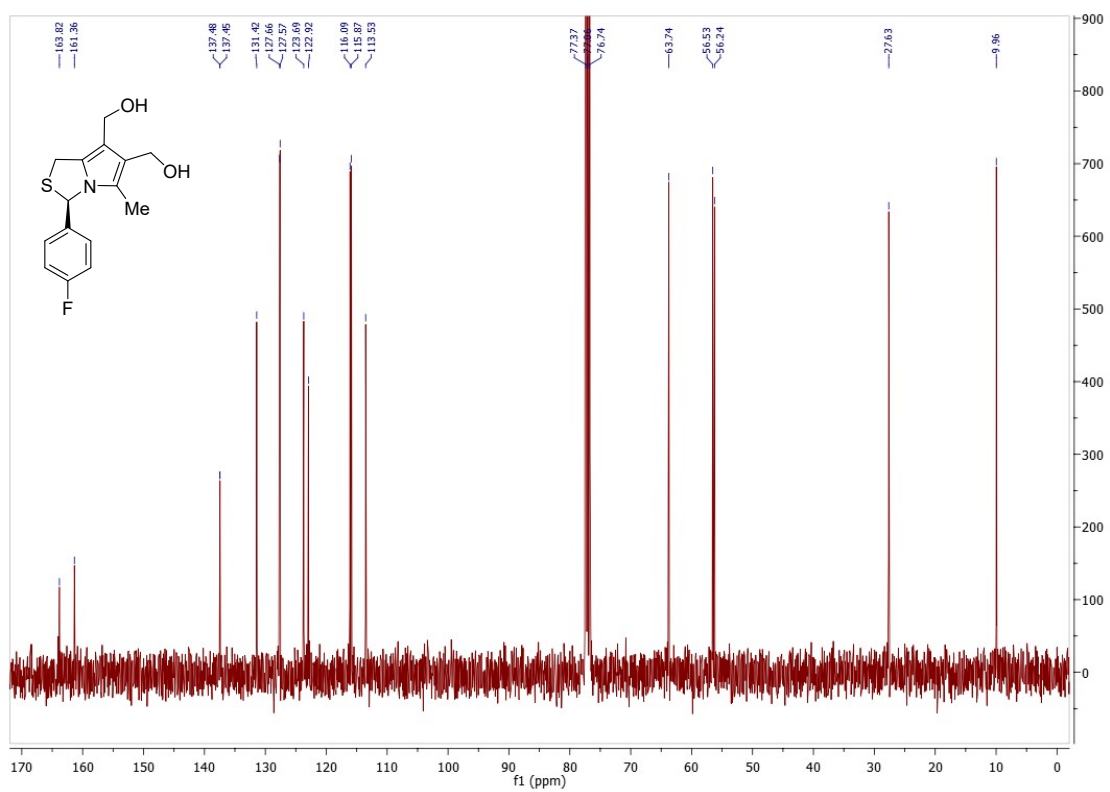


Figure S27: ^{13}C NMR spectrum of compound **4a** (100 MHz, CDCl_3).

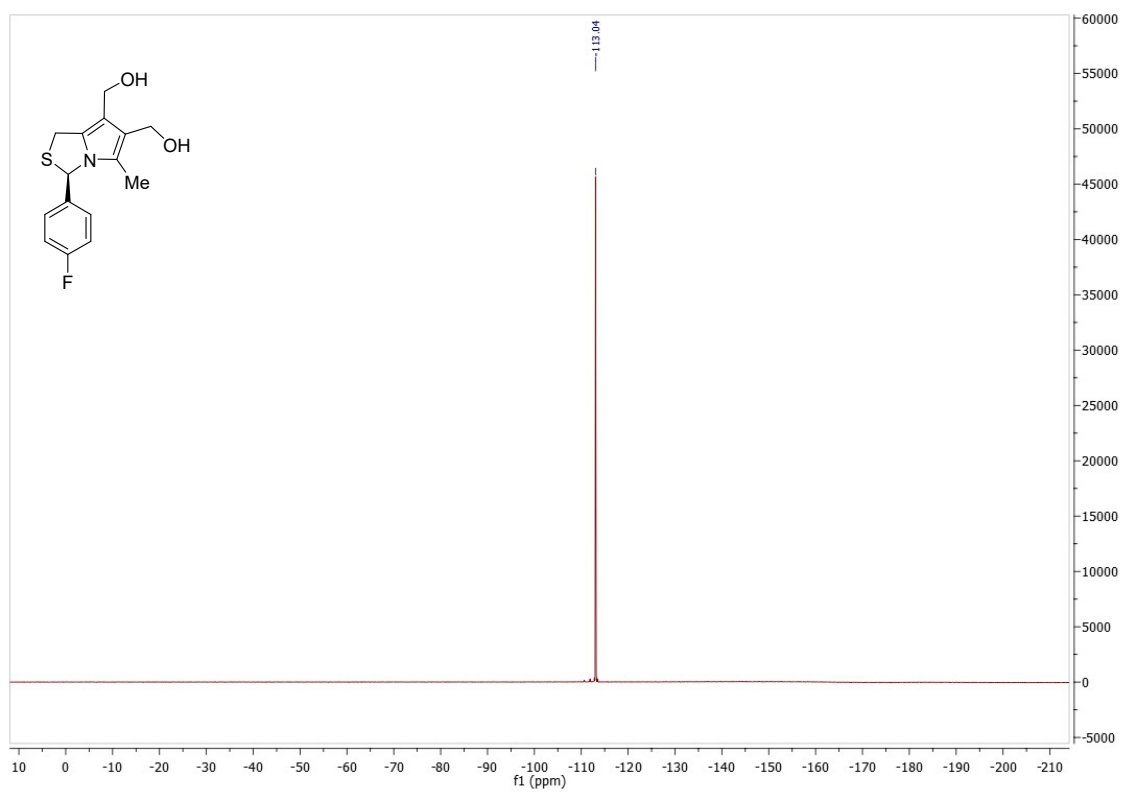


Figure S28: ^{19}F NMR spectrum of compound **4a** (376 MHz, CDCl_3).

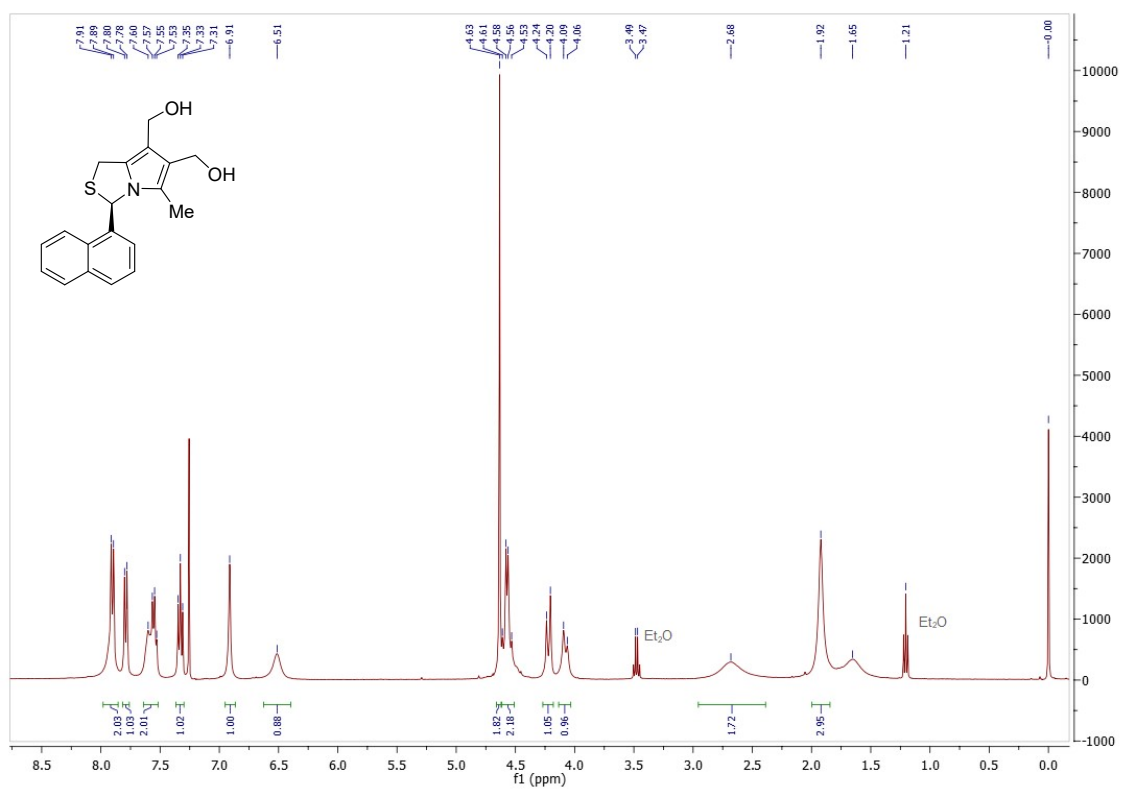


Figure S29: ¹H NMR spectrum of compound **4d** (400 MHz, CDCl₃).

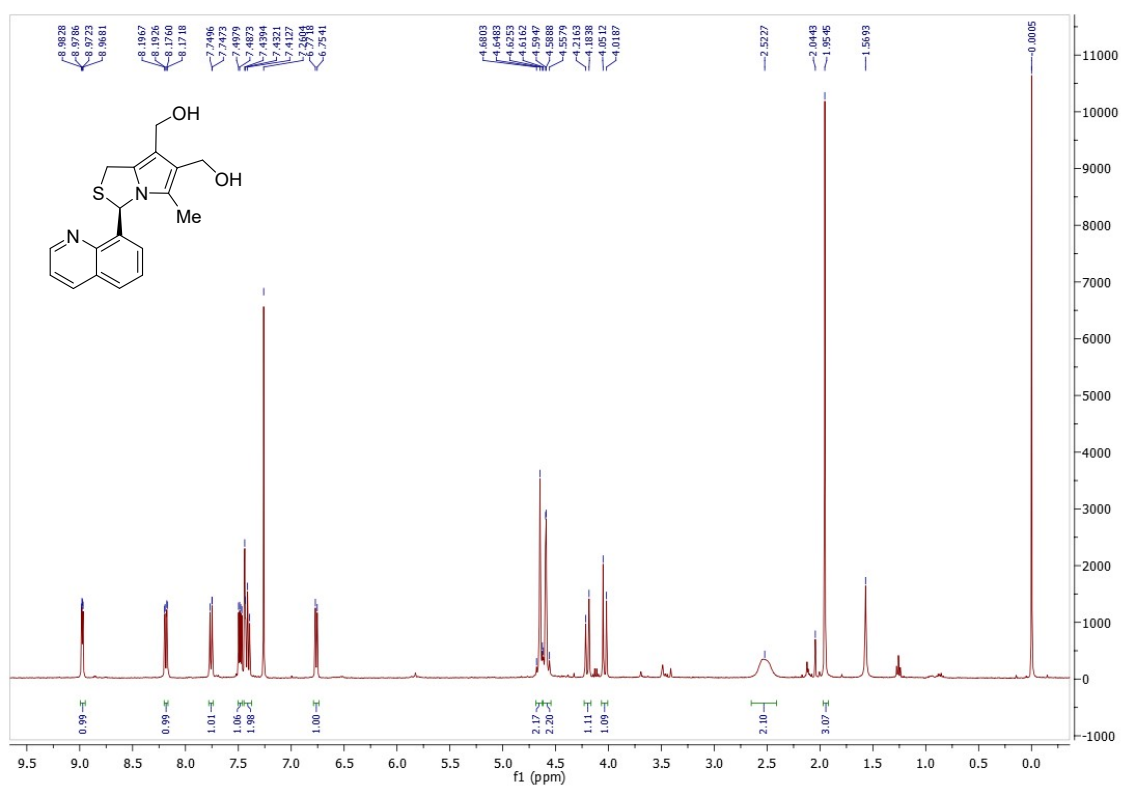


Figure S30: ¹H NMR spectrum of compound **4e** (400 MHz, CDCl₃).

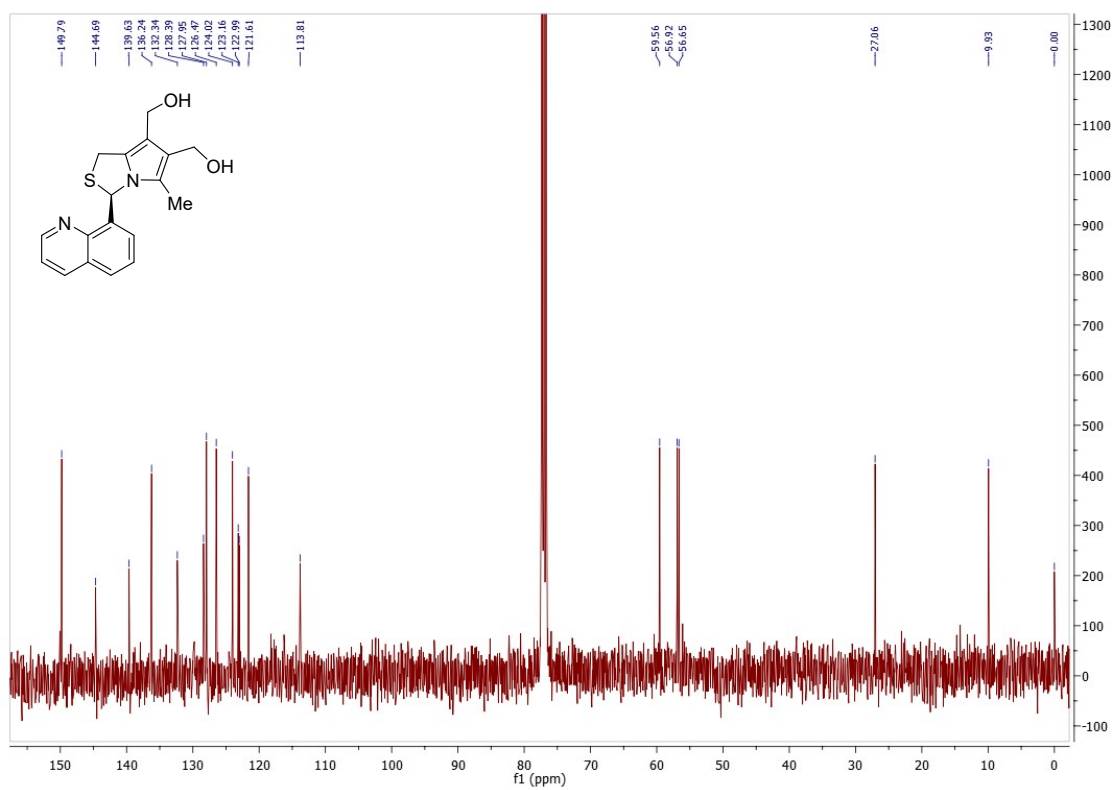


Figure S31: ¹³C NMR spectrum of compound 4e (100 MHz, CDCl₃).

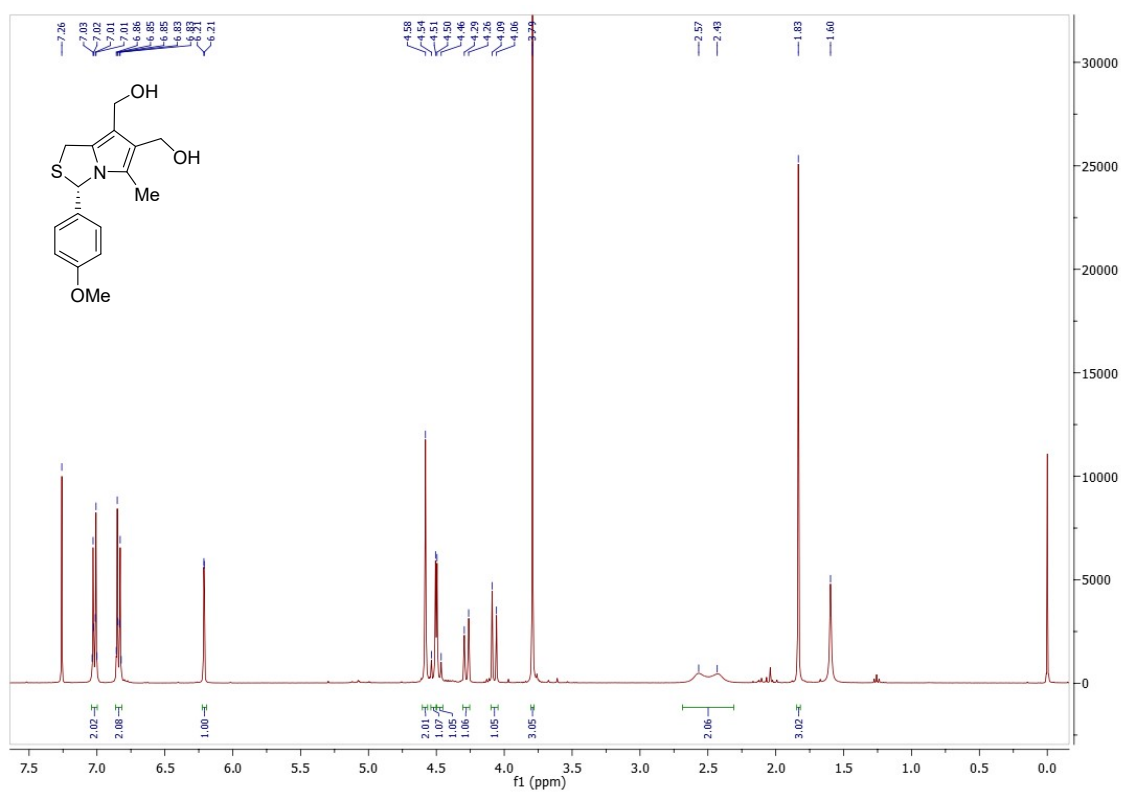


Figure S32: ¹H NMR spectrum of compound 7 (400 MHz, CDCl₃).

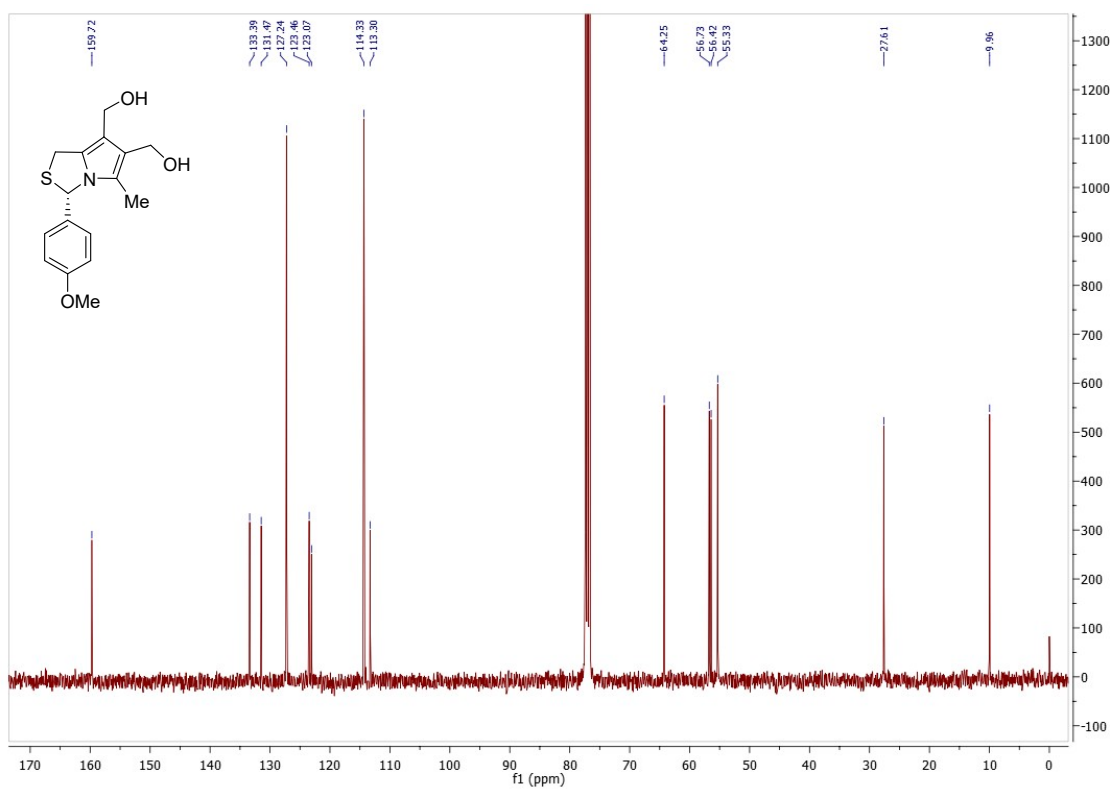


Figure S33: ^{13}C NMR spectrum of compound **7** (100 MHz, CDCl_3).

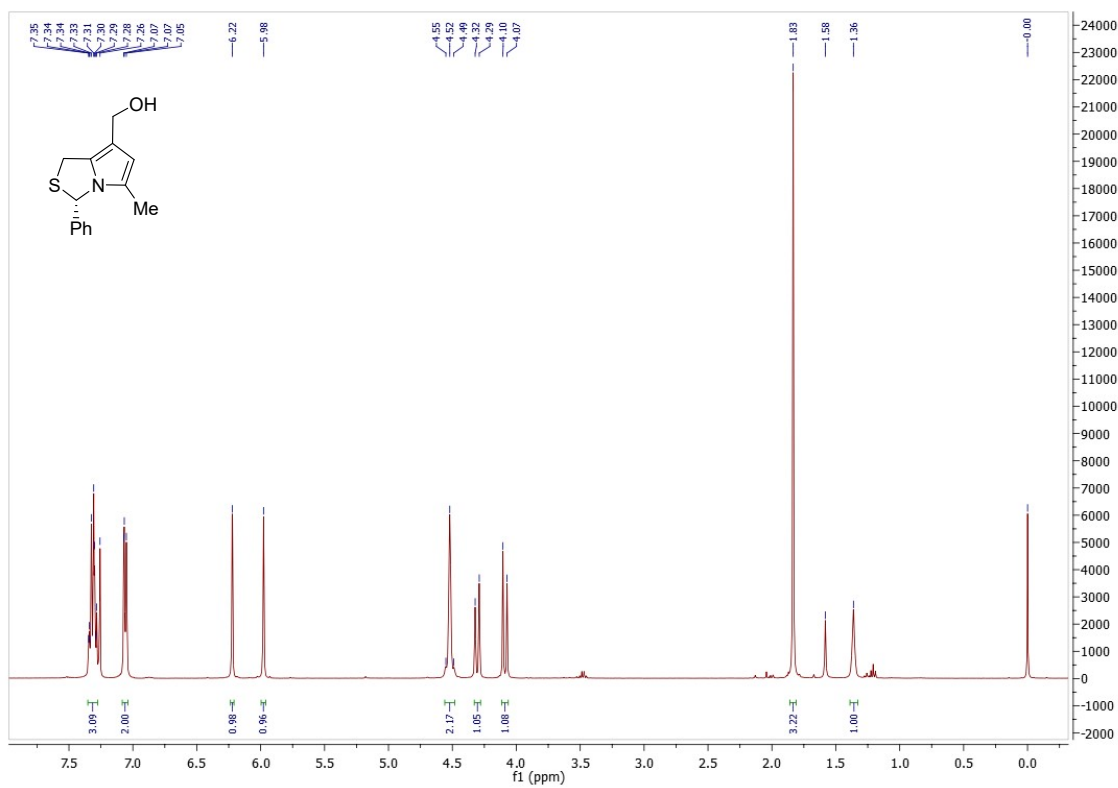


Figure S34: ^1H NMR spectrum of compound **11** (400 MHz, CDCl_3).

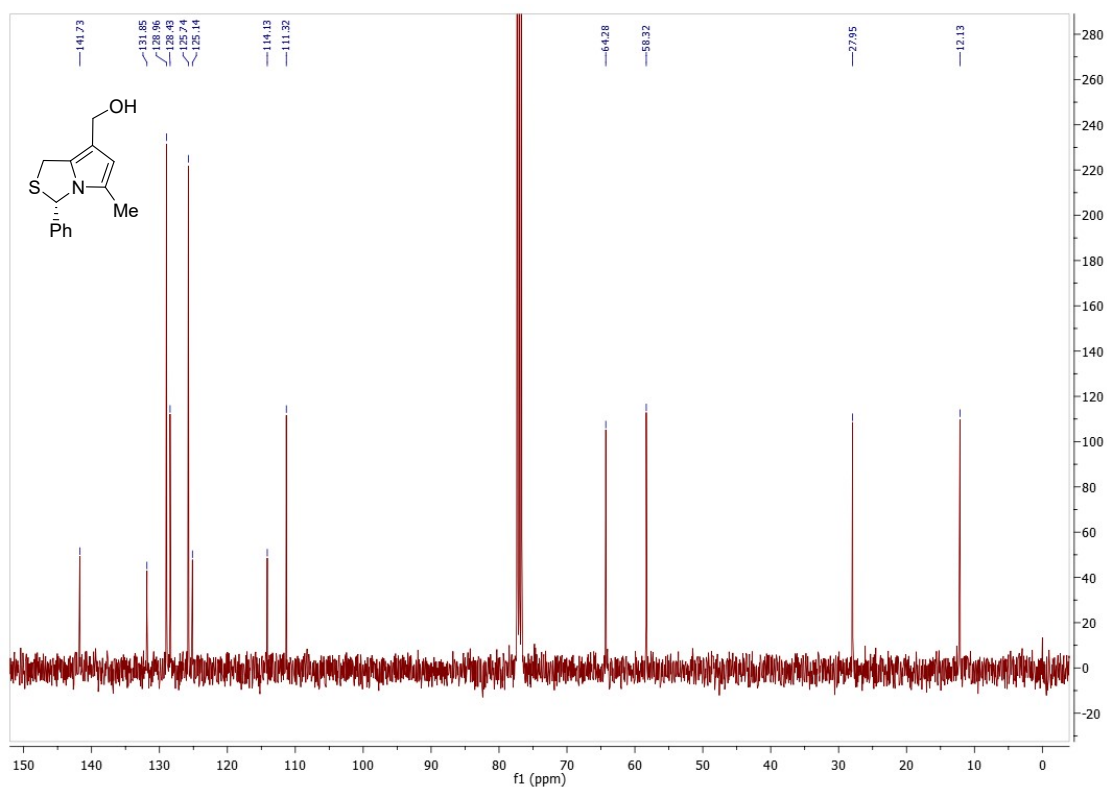


Figure S35: ^{13}C NMR spectrum of compound **11** (100 MHz, CDCl_3).

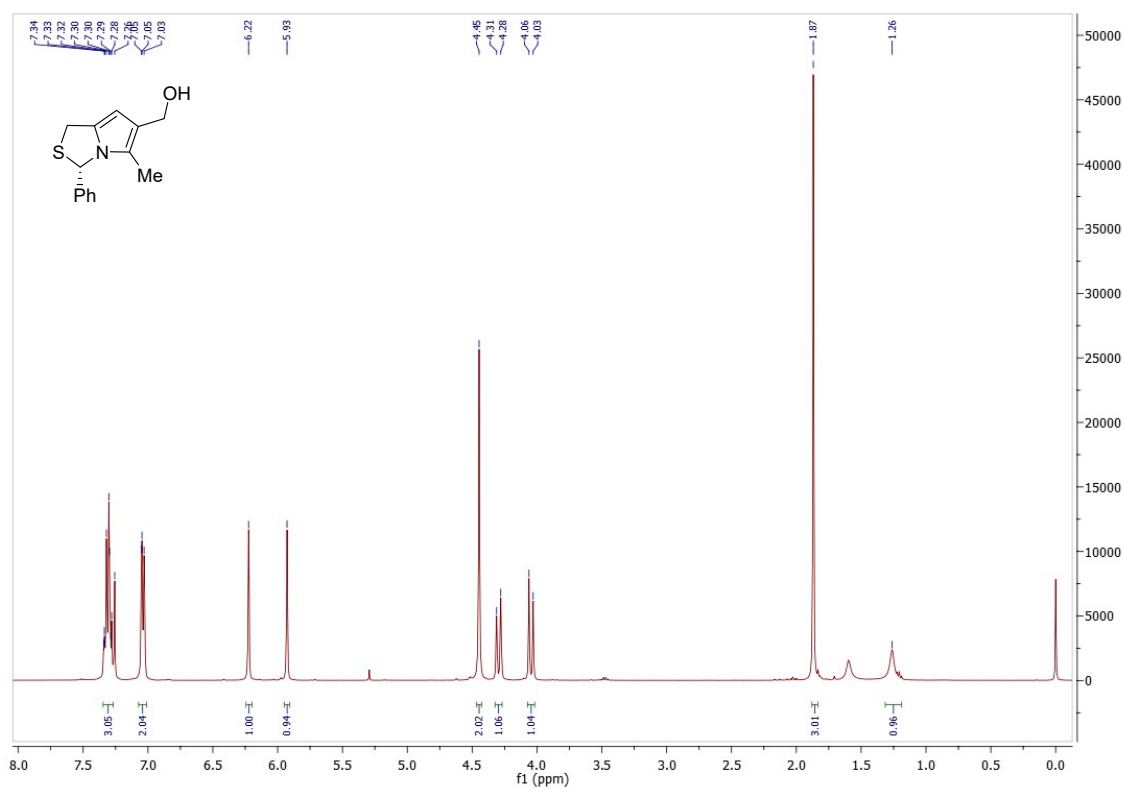


Figure S36: ^1H NMR spectrum of compound **12** (400 MHz, CDCl_3).

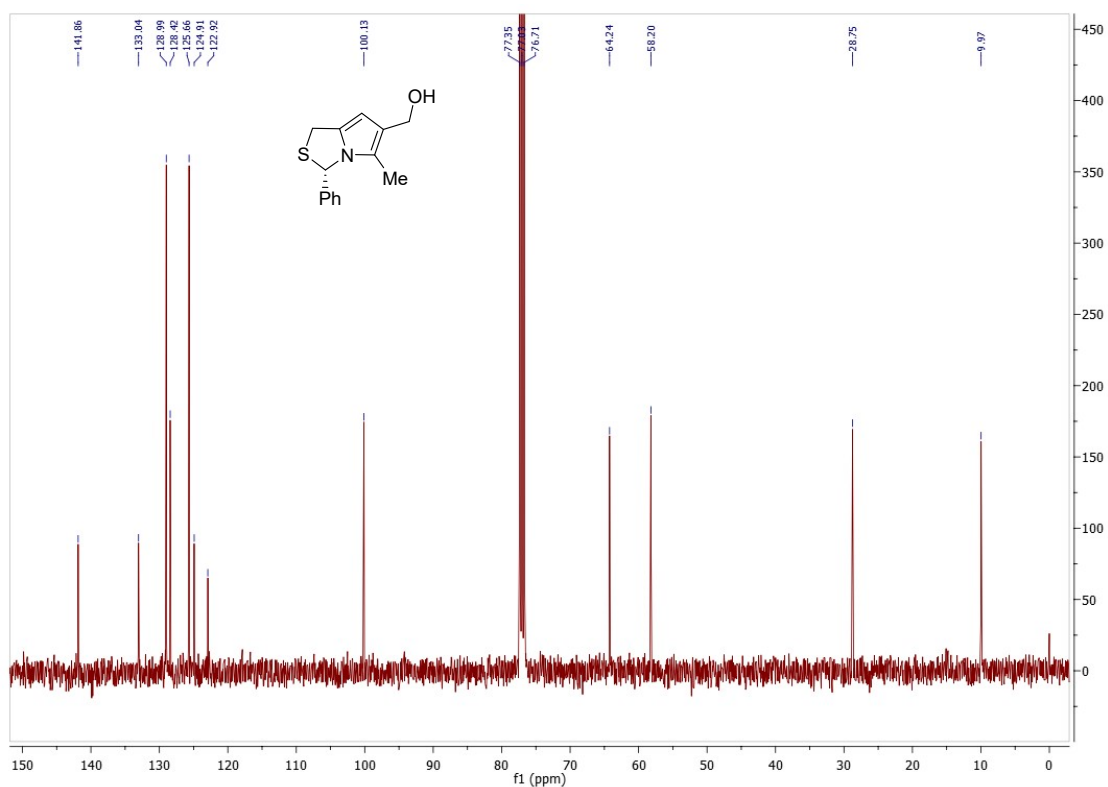


Figure S37: ¹³C NMR spectrum of compound **12** (100 MHz, CDCl₃).

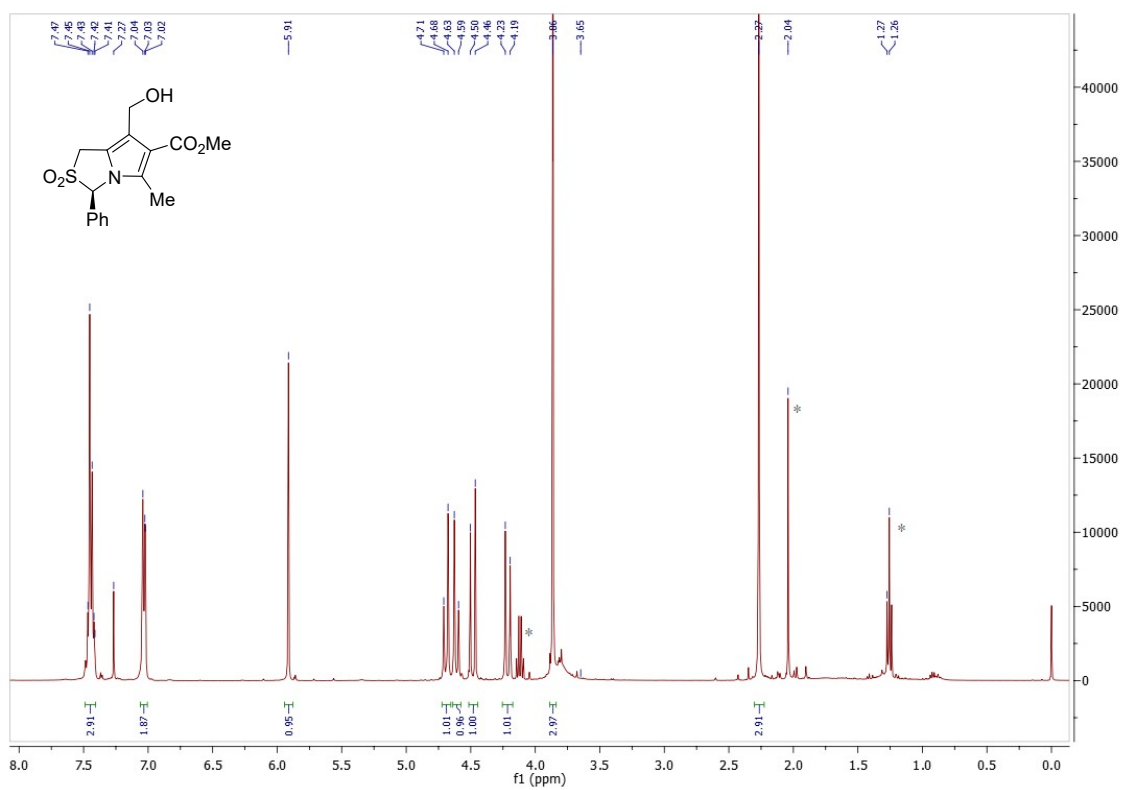


Figure S38: ¹H NMR spectrum of compound **14** (400 MHz, CDCl₃). *ethyl acetate

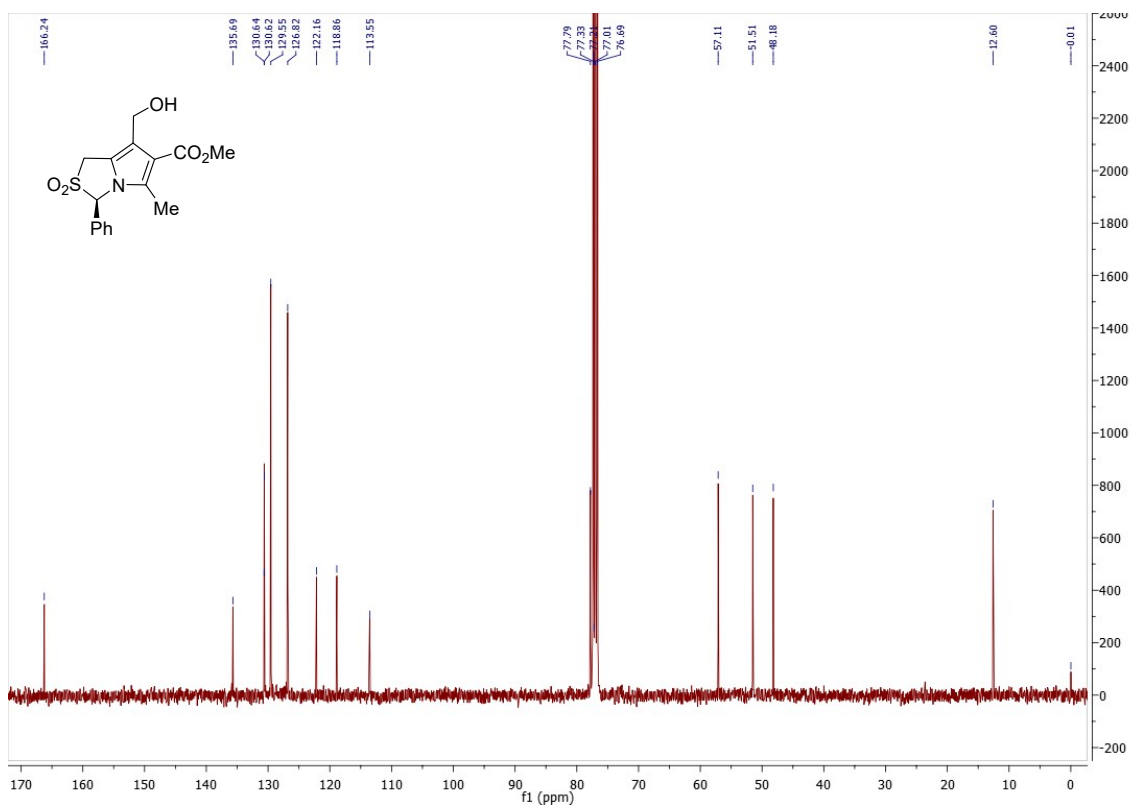


Figure S39: ¹³C NMR spectrum of compound 14 (100 MHz, CDCl₃).

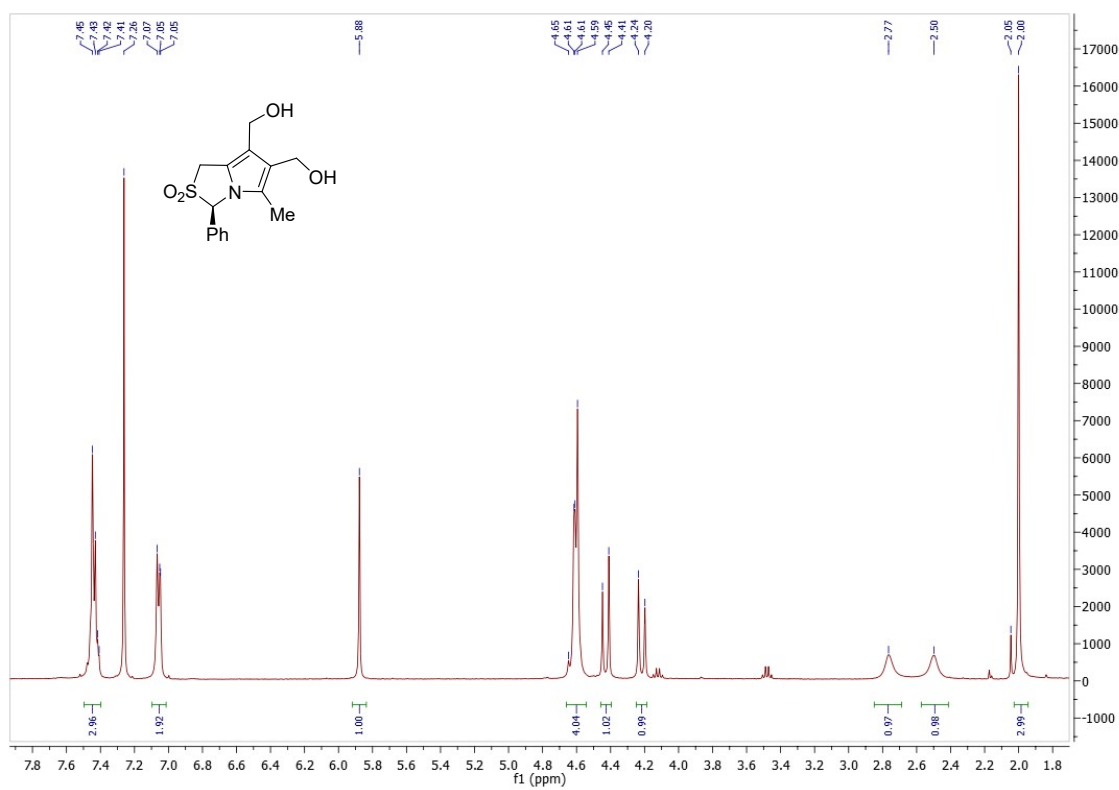


Figure S40: ¹H NMR spectrum of compound 15 (400 MHz, CDCl₃).

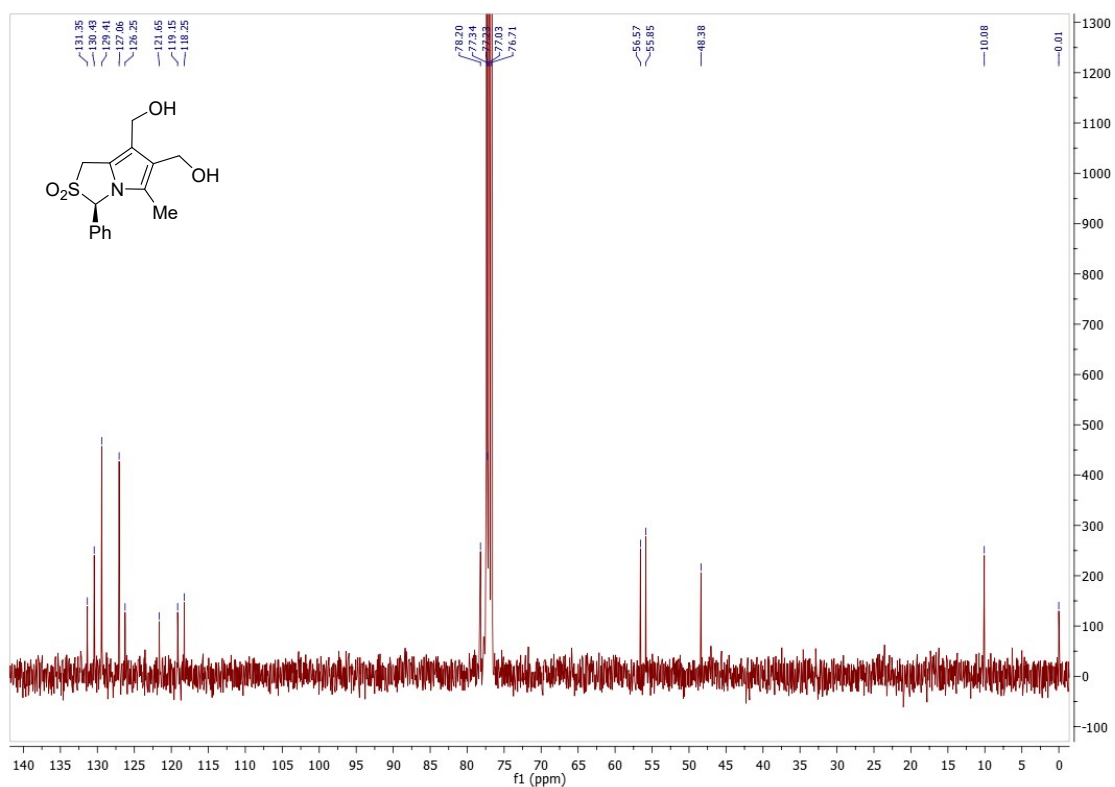


Figure S41: ¹³C NMR spectrum of compound **15** (100 MHz, CDCl₃).

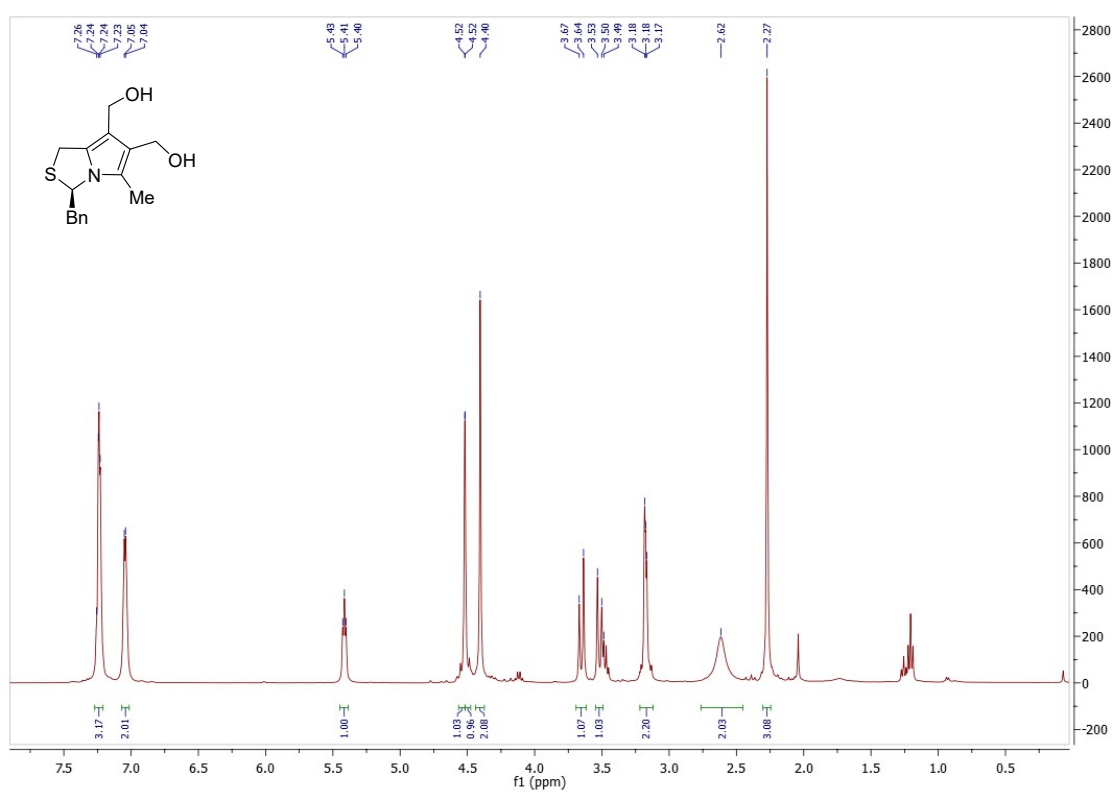


Figure S42: ¹H NMR spectrum of compound **17a** (400 MHz, CDCl₃).

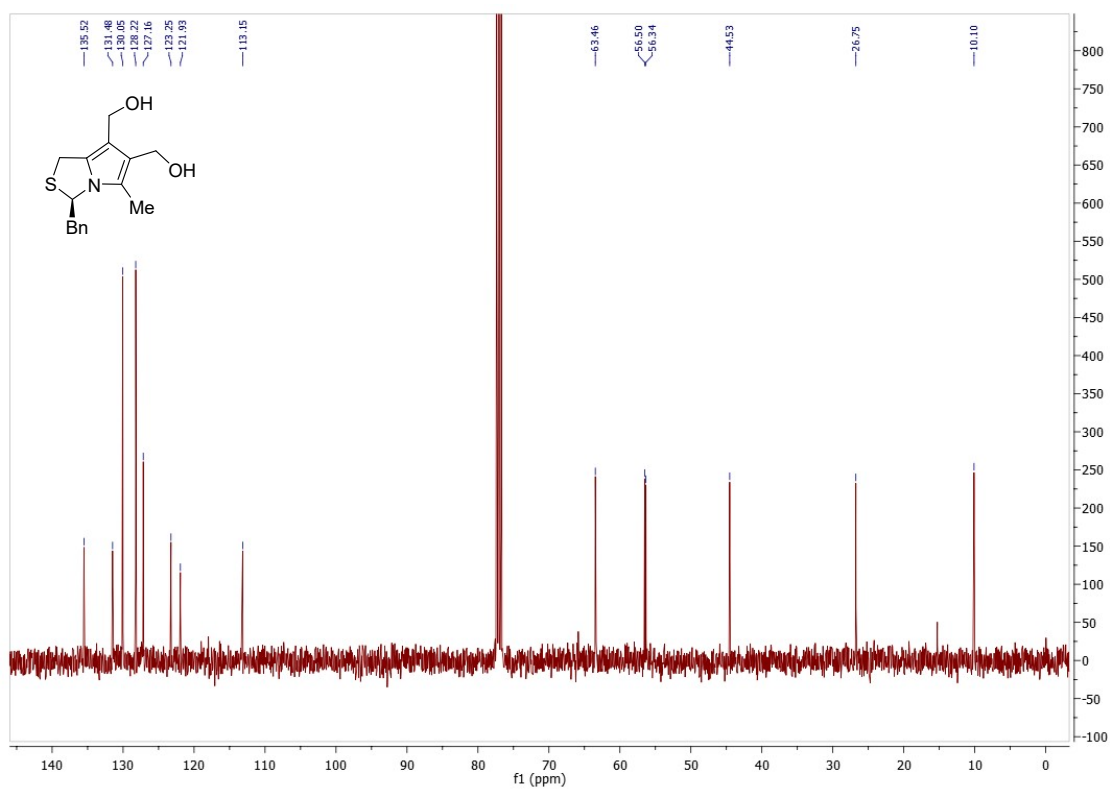


Figure S43: ¹³C NMR spectrum of compound 17a (100 MHz, CDCl₃).

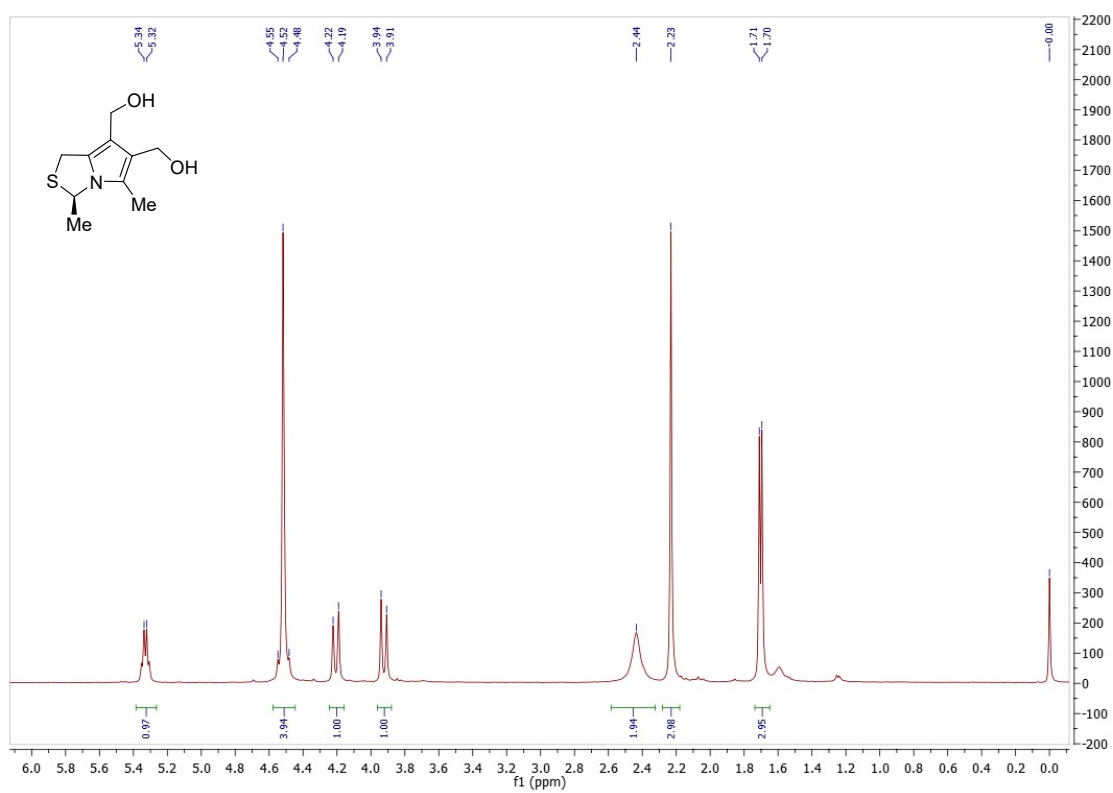


Figure S44: ¹H NMR spectrum of compound 17b (400 MHz, CDCl₃).

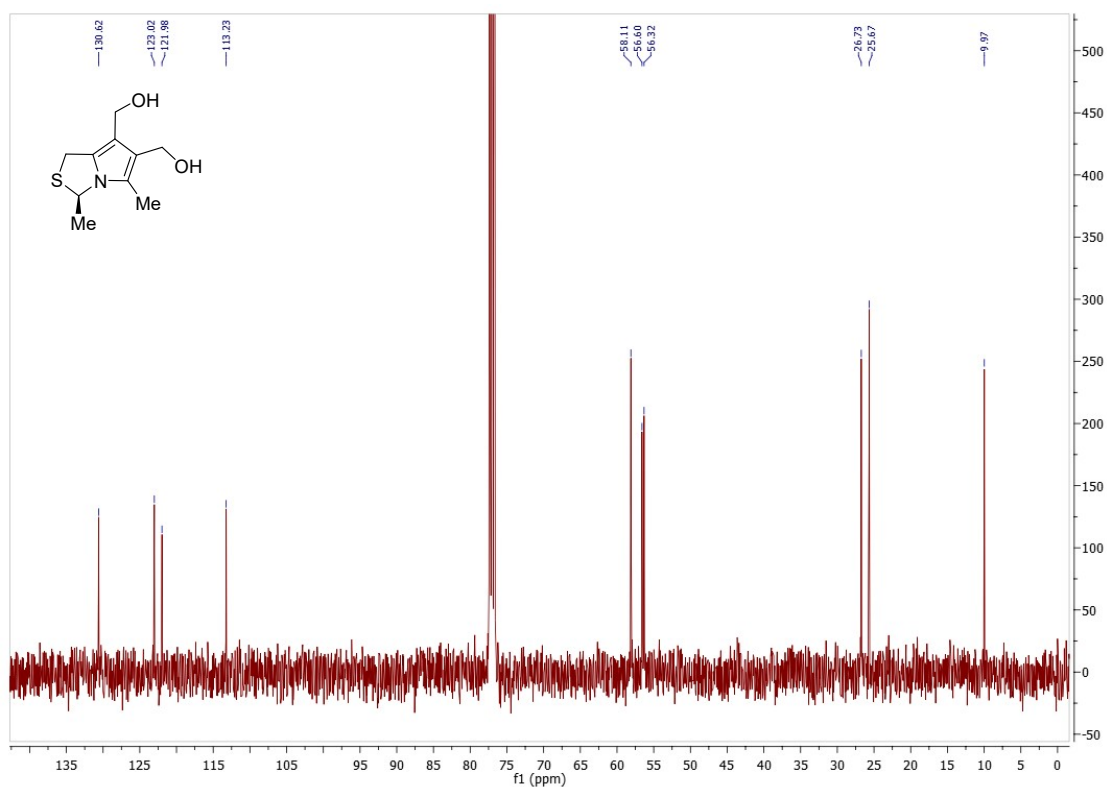


Figure S45: ^{13}C NMR spectrum of compound **17b** (100 MHz, CDCl_3).

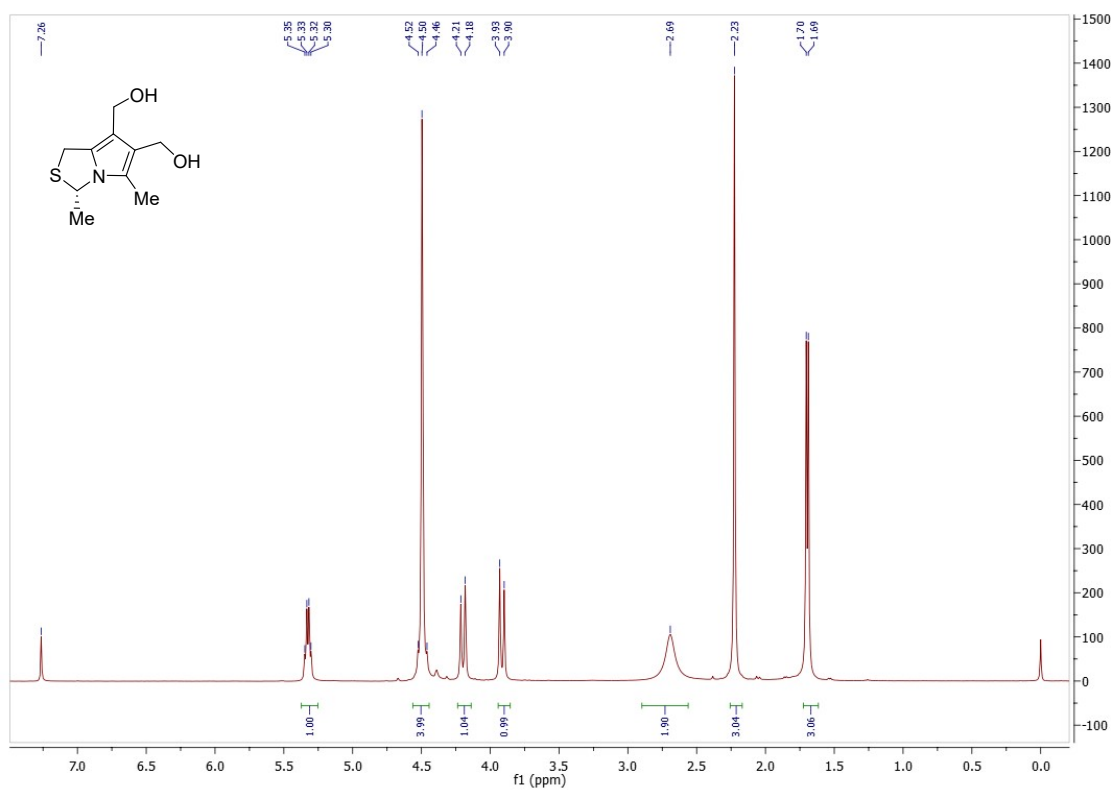


Figure S46: ^1H NMR spectrum of compound **17c** (400 MHz, CDCl_3).

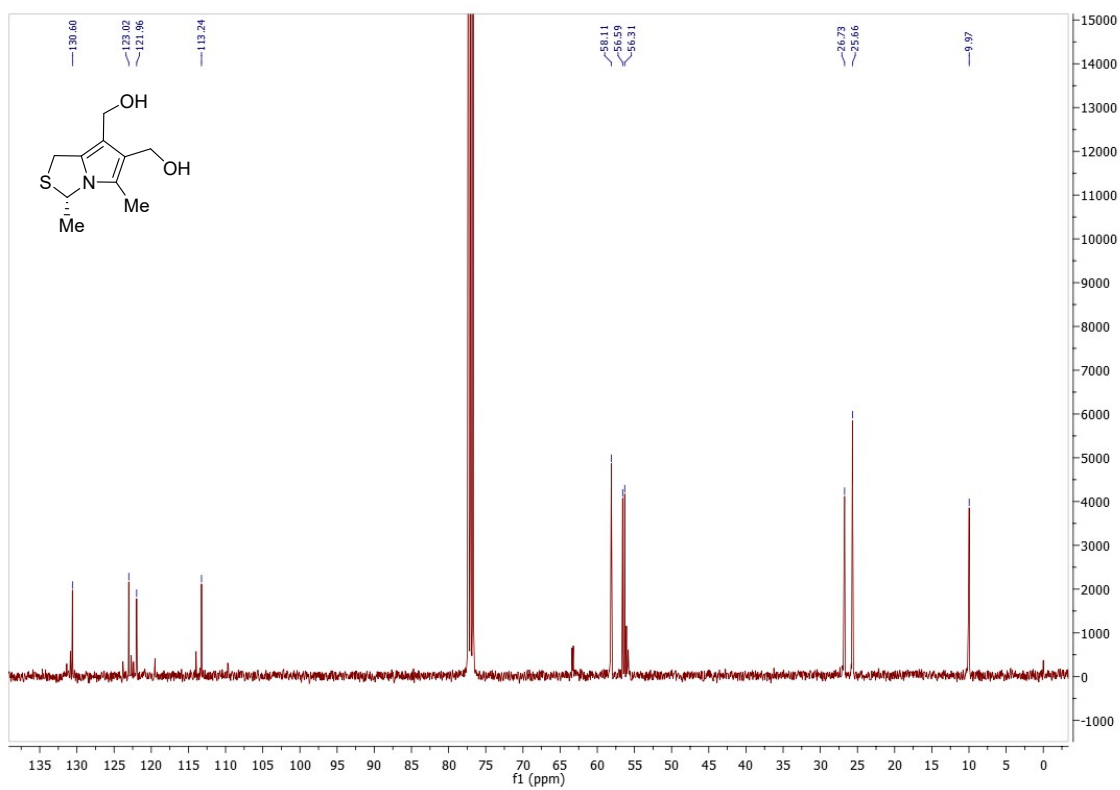


Figure S47: ¹³C NMR spectrum of compound 17c (100 MHz, CDCl₃).