

Supporting Information

Novel spirocyclic trichothecanes, spirotenuipesine A and B, isolated from entomopathogenic fungus, *Paecilomyces tenuipes*

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Table of Contents

- S2** [Figure S1-S5] ¹H and ¹³C NMR, DQFCOSY, HMBC and NOESY spectra of spirotenuipesine A (**1**)
- S7** [Figure S6-S8] ¹H NMR, ¹³C NMR, NOESY spectra of spirotenuipesine B (**2**)
- S10** [Figure S9-S10] ¹H NMR and ¹³C NMR spectra of **10**
- S12** [Figure S11-12] ¹H NMR and ¹³C NMR spectra of **11**
- S14** [Figure S13] ¹H NMR spectrum of **12**
- S15** [Figure S14] ¹H NMR spectrum of **13a**
- S16** [Figure S15] ¹H NMR spectrum of **13b**

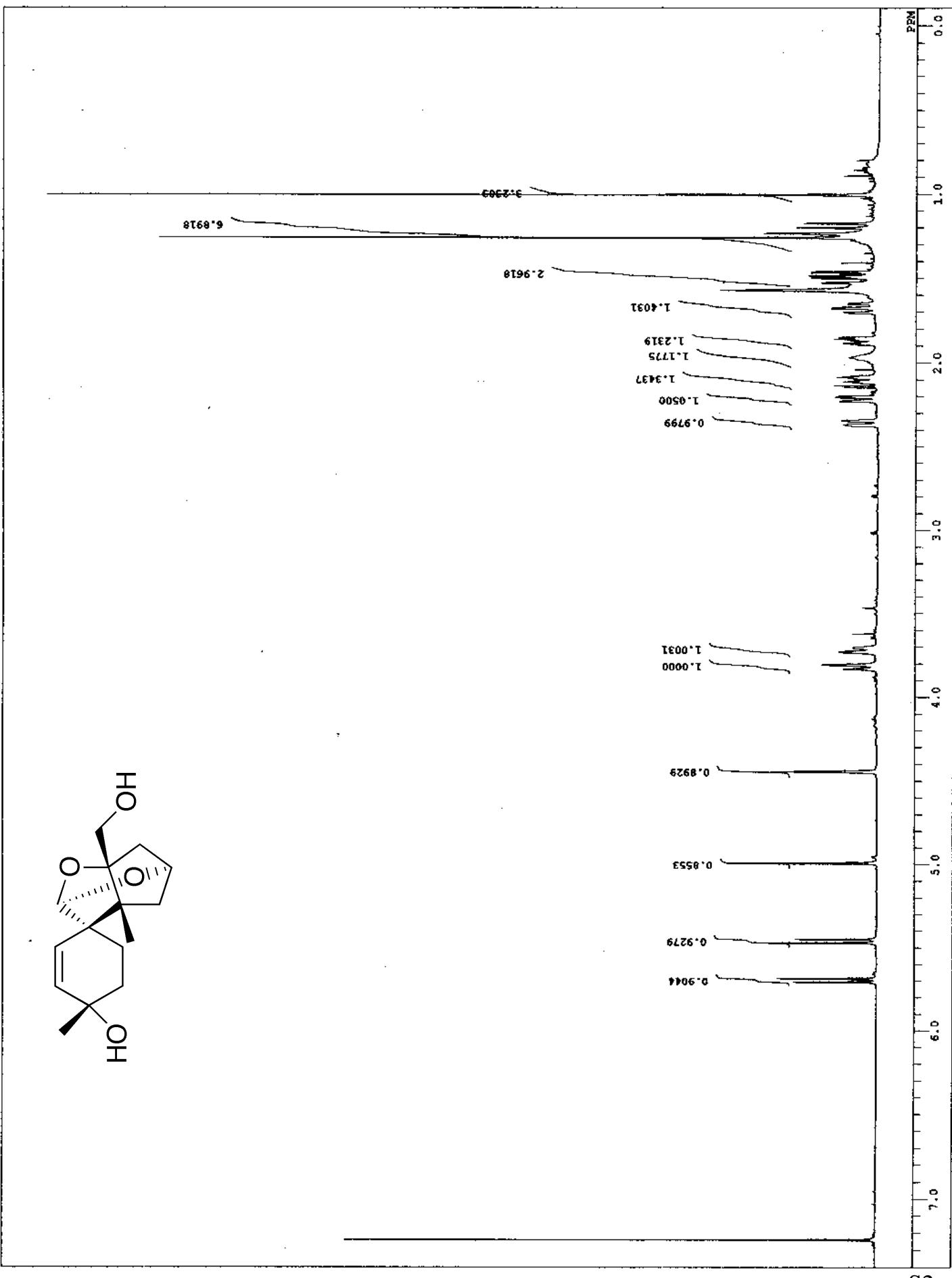
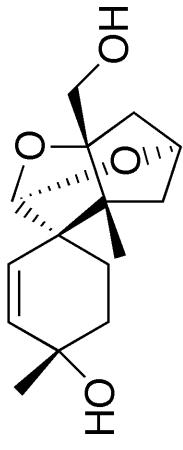


Figure S1 ^1H NMR spectrum of spirotenupesine A (**1**) (500 MHz, CDCl_3)

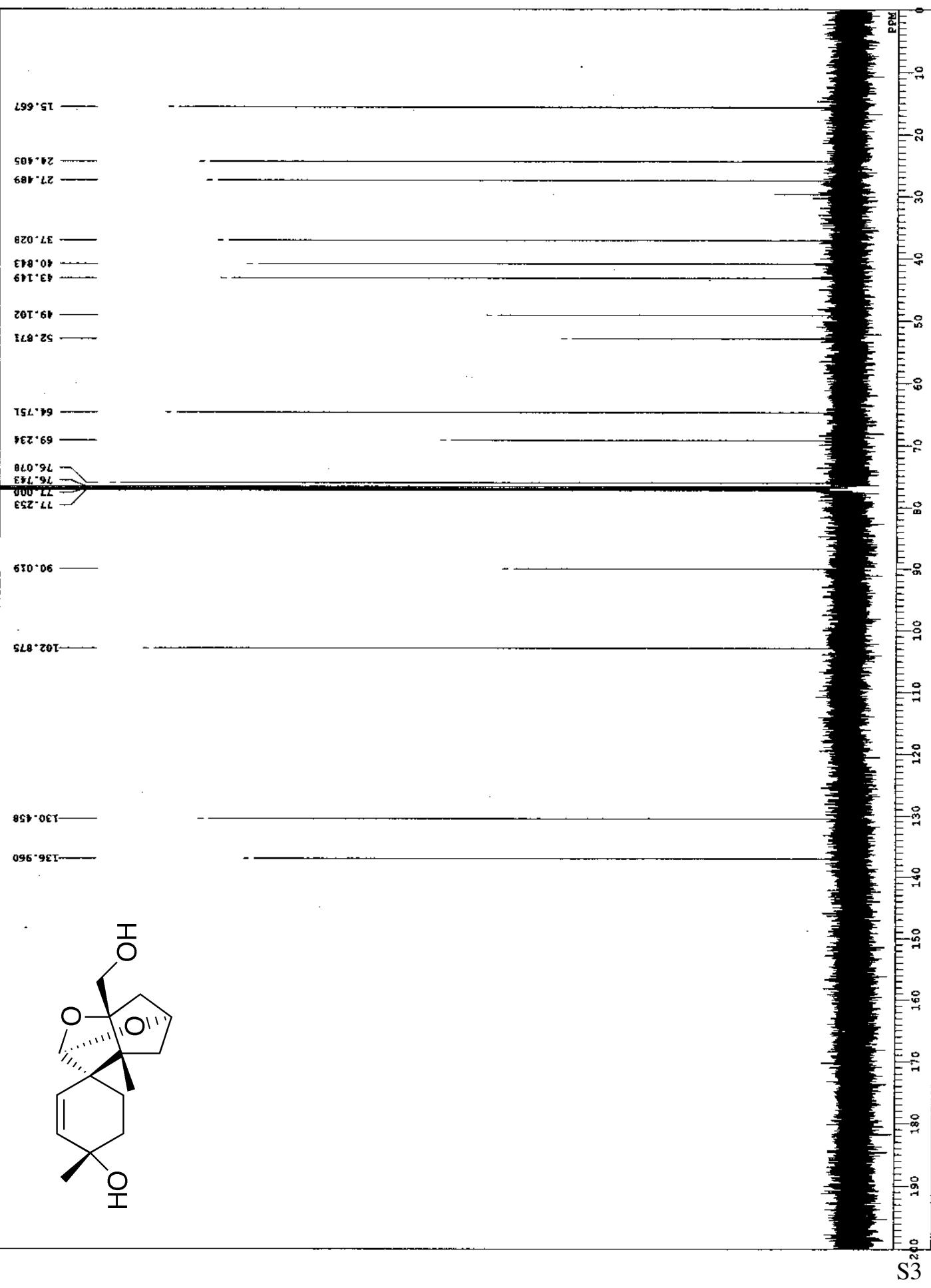
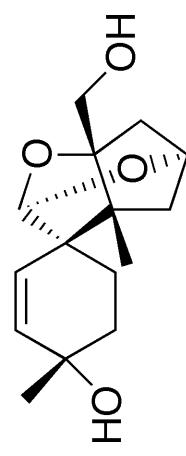


Figure S2 ¹³C NMR spectrum of spirotenuipesine A (1) (125 MHz, CDCl_3)

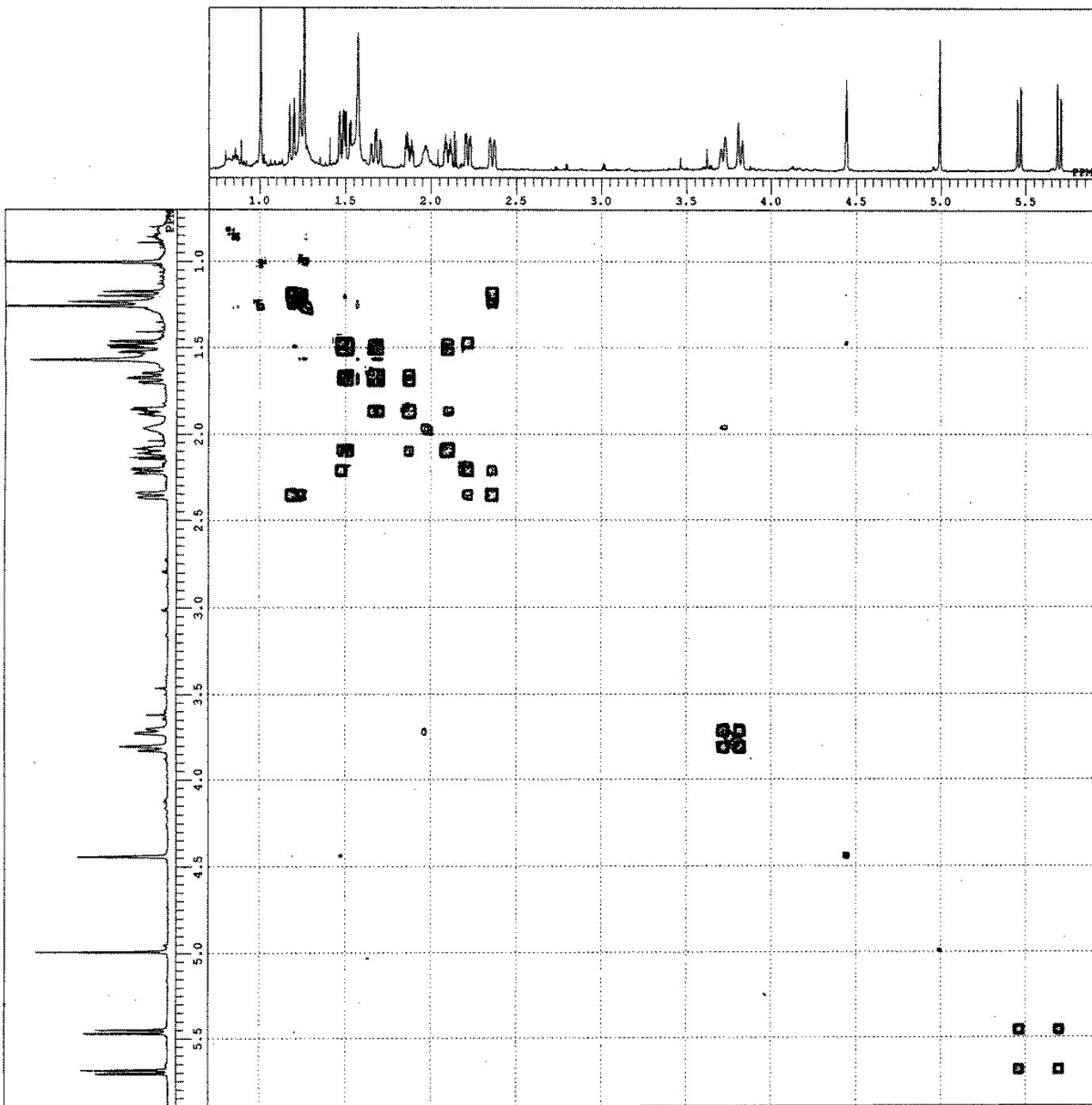
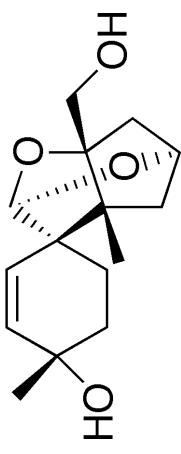


Figure S3 DQF COSY spectrum of spirotenipesine A (1)



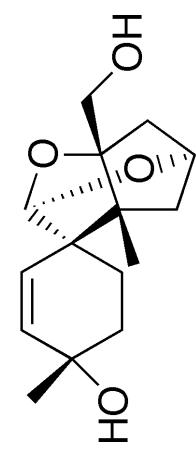
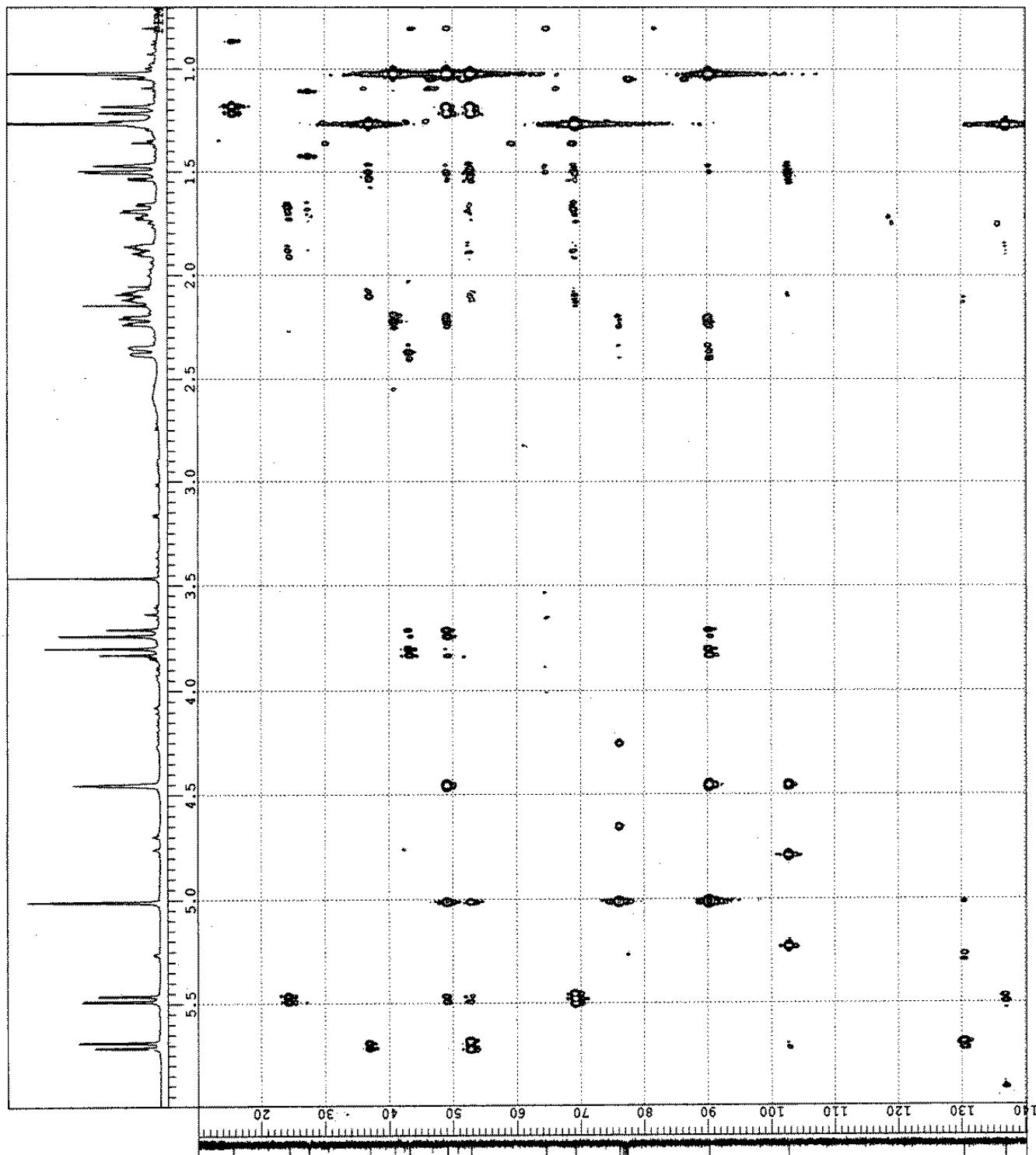
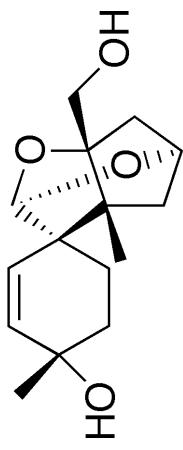
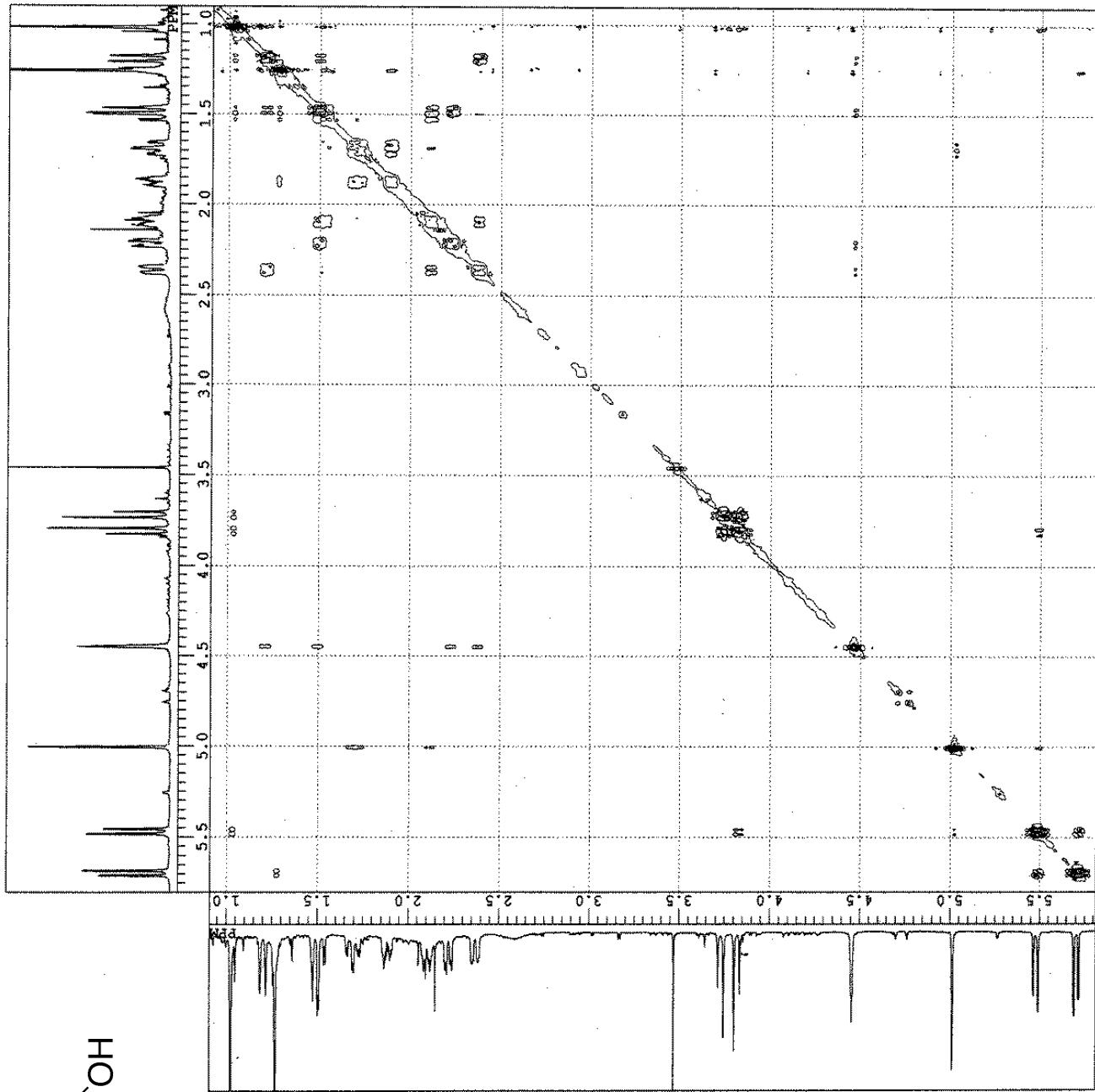


Figure S4 HMBC spectrum of spirotenuipesine A (1)

Figure S5 NOESY spectrum of spirotenuiipesine A (1)



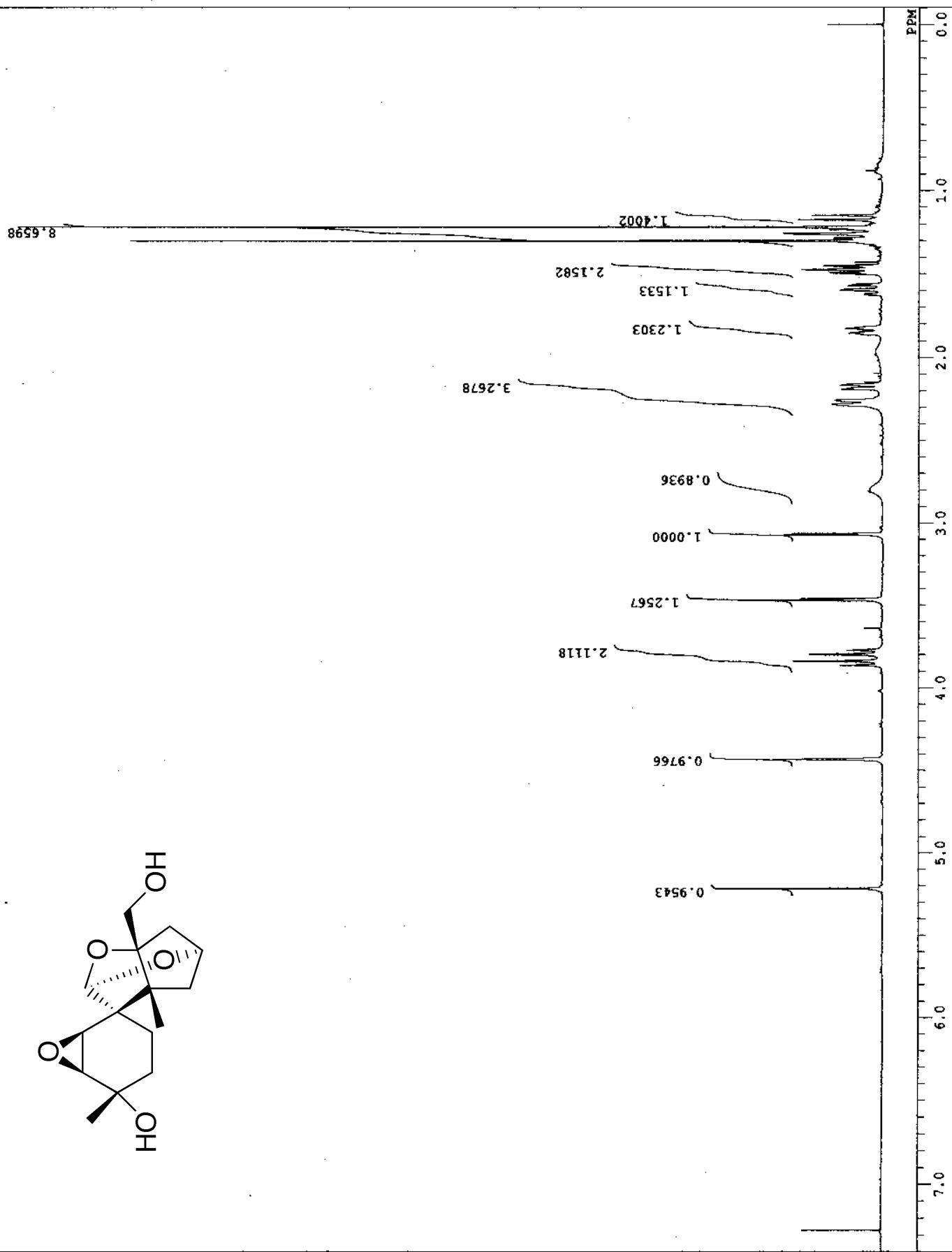
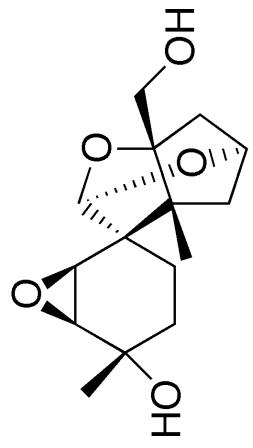


Figure S6 ^1H NMR spectrum of spirotenupesine B (2) (500 MHz, CDCl_3)

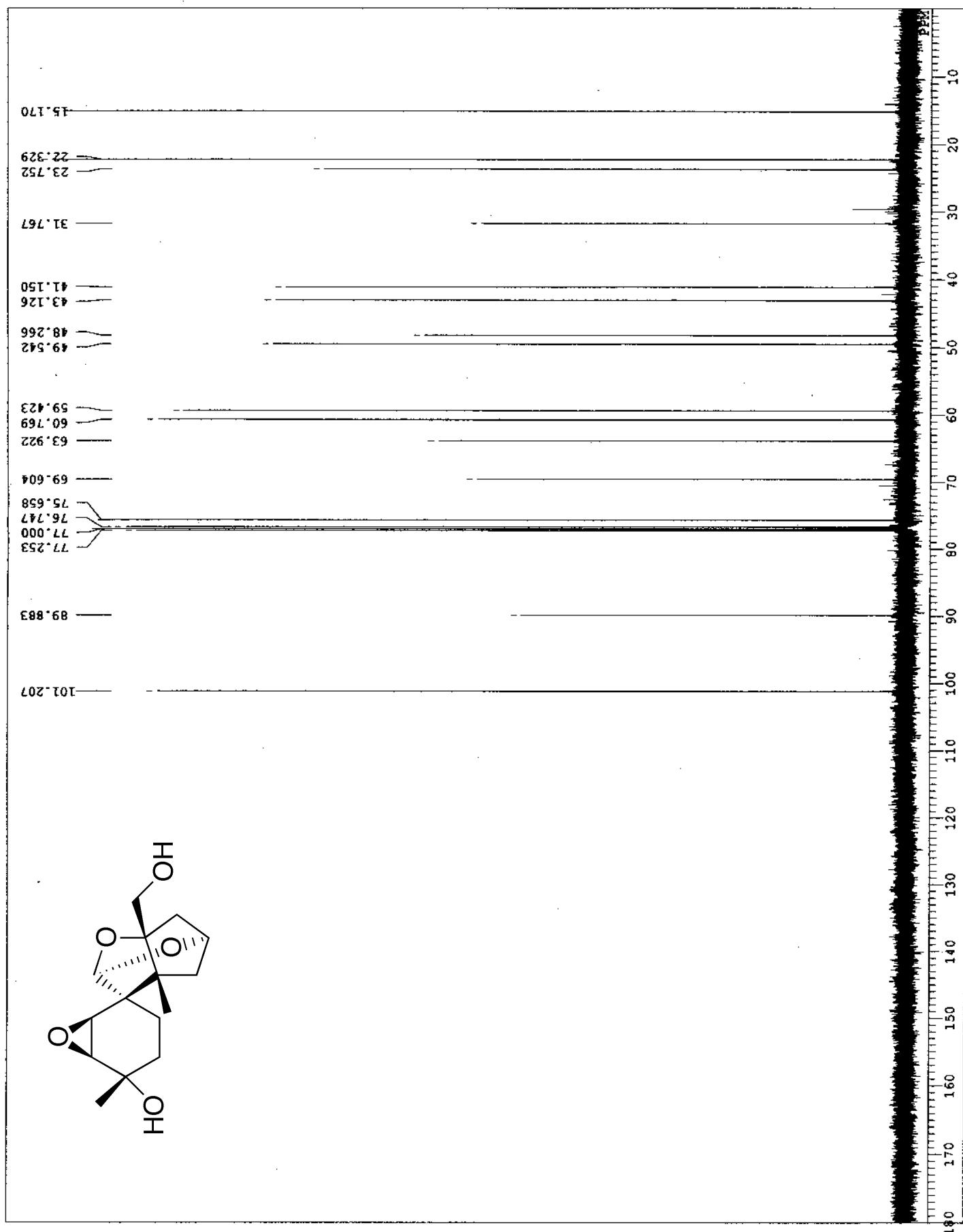


Figure S7 ^{13}C NMR spectrum of spirotenuipesine B (2) (125 MHz, CDCl_3)

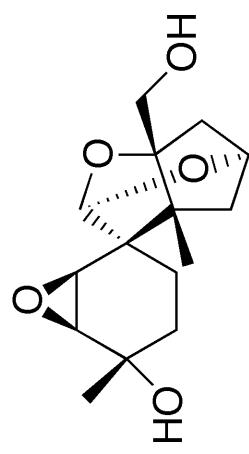
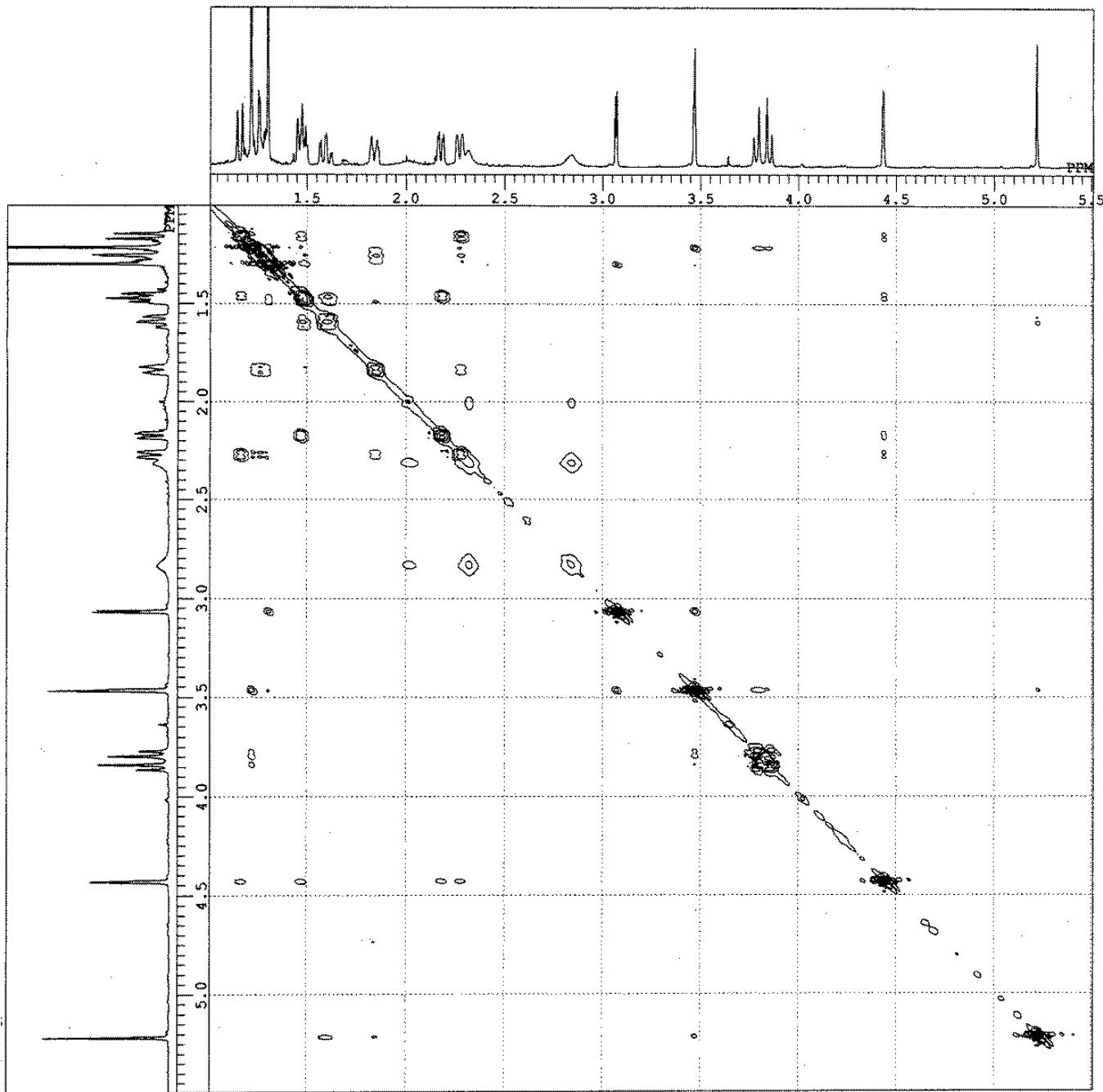


Figure S8 NOESY spectrum of spirotenuipesine B (2)

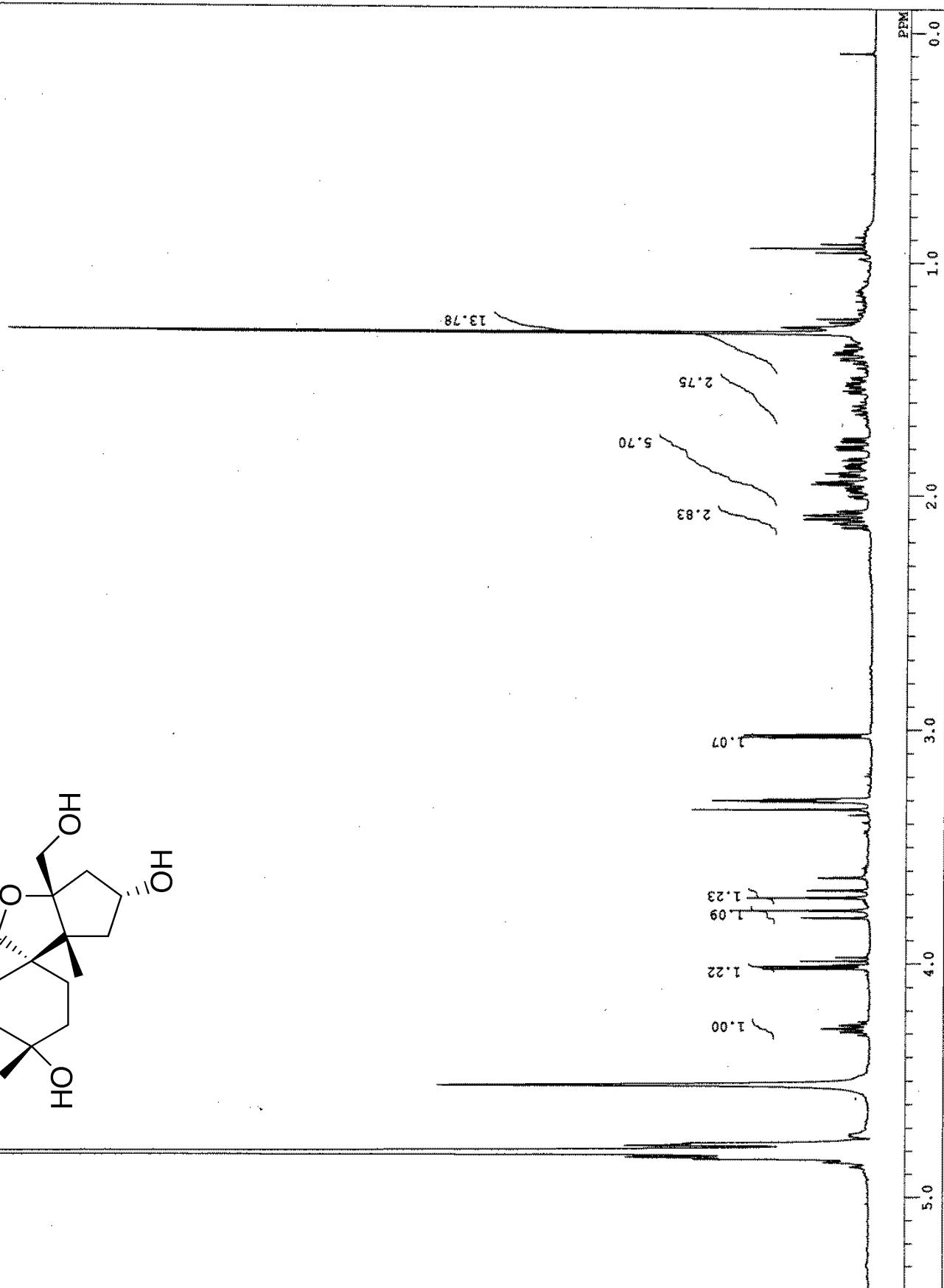
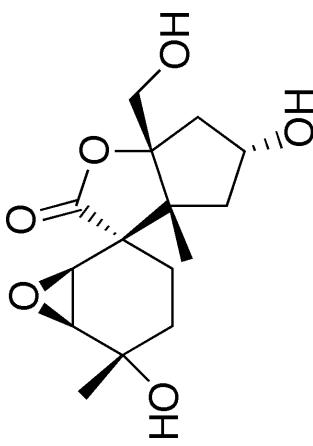


Figure S9 ¹H NMR spectrum of 10 (400 MHz, CDCl₃)

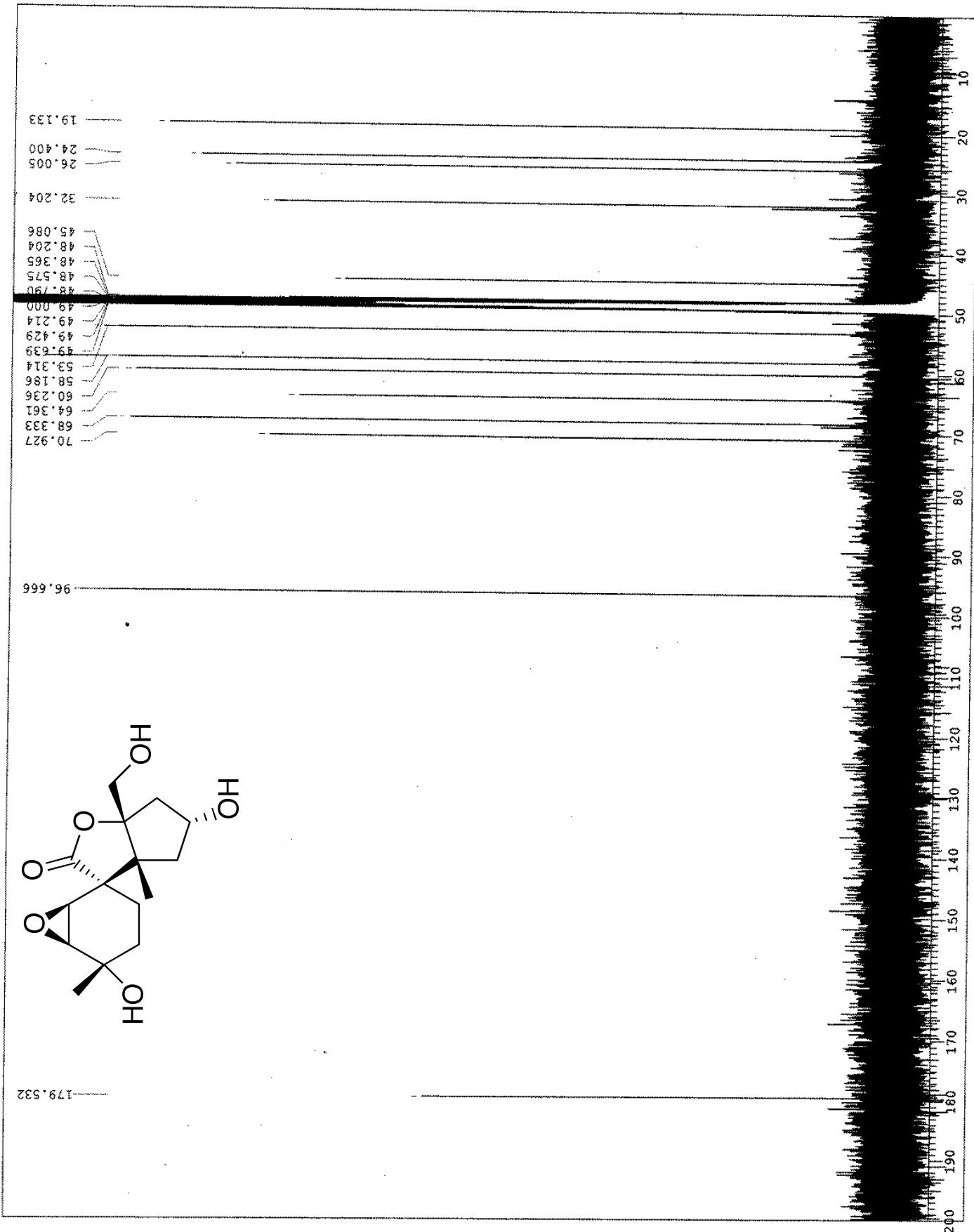


Figure S10 ^{13}C NMR spectrum of **10** (100 MHz, CDCl_3)

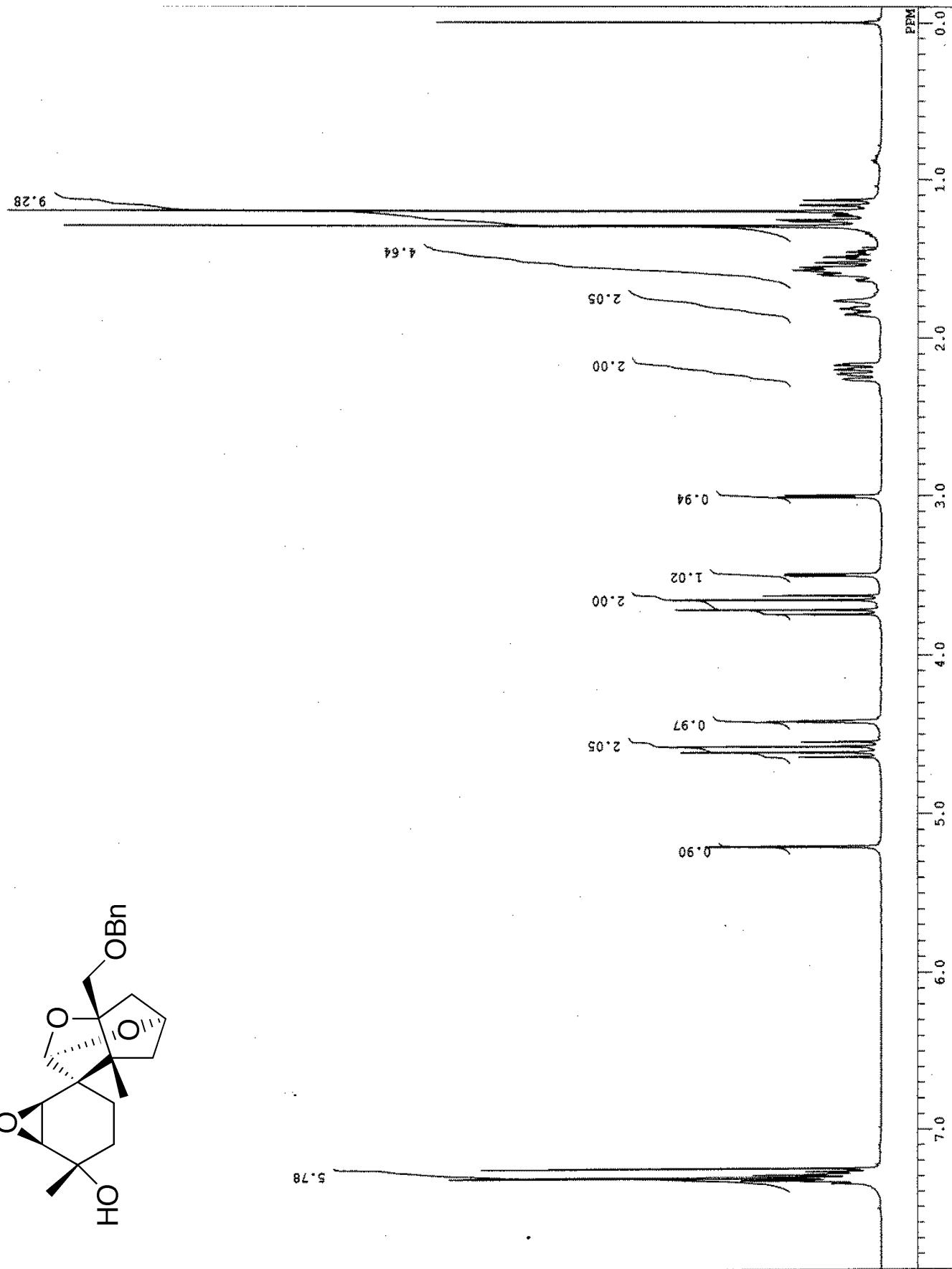
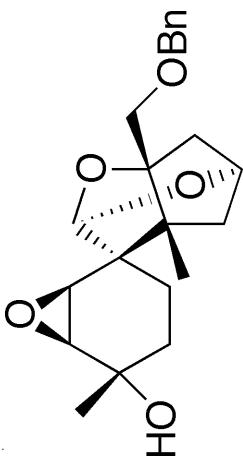


Figure S11 ¹H NMR spectrum of 11 (400 MHz, CDCl_3)

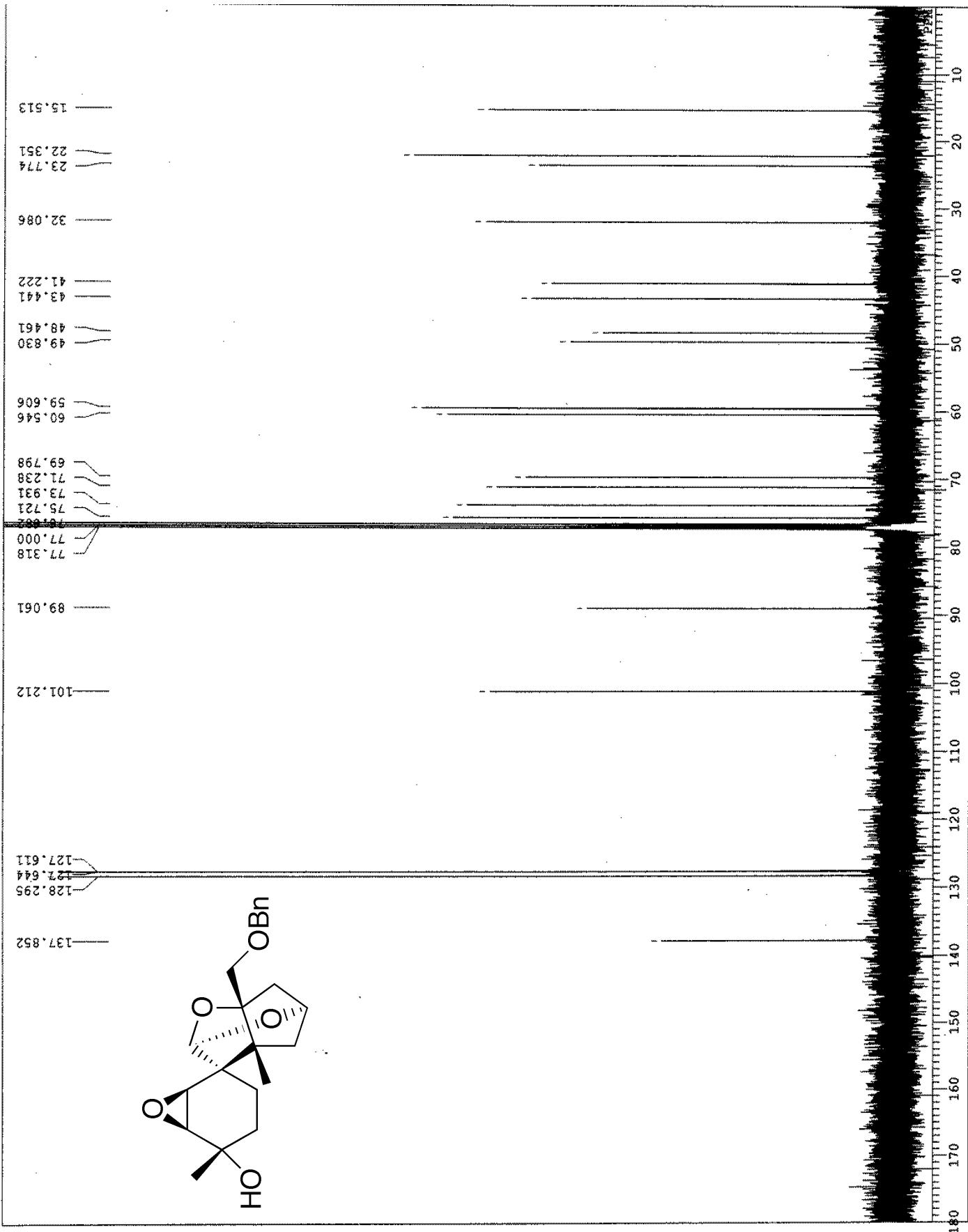


Figure S12 ^{13}C NMR spectrum of 11 (100 MHz, CDCl_3)

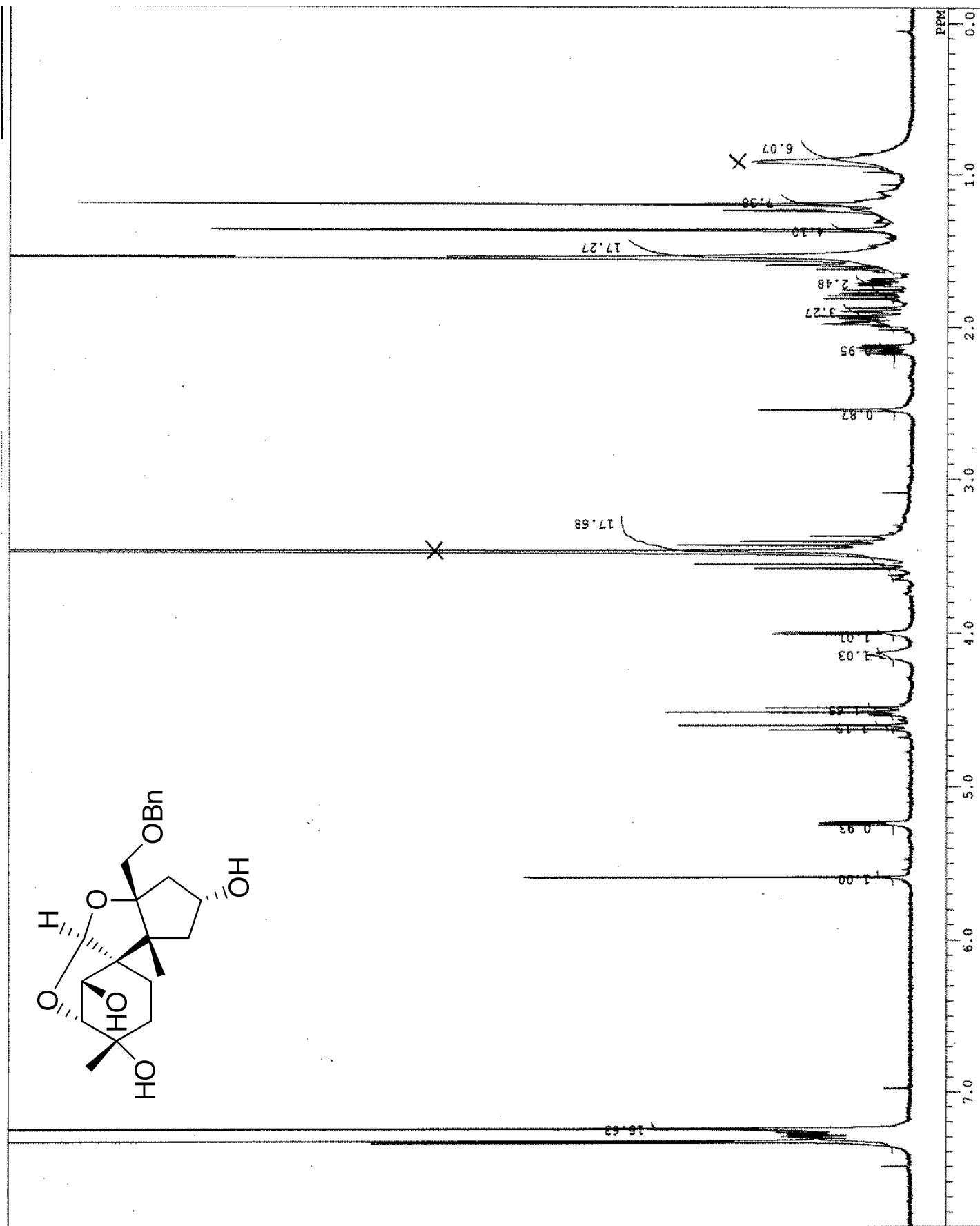
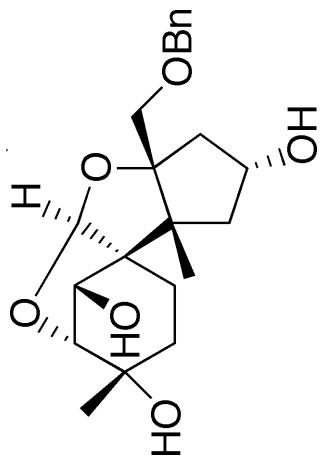


Figure S13 ^1H NMR spectrum of **12** (400 MHz, CDCl_3)

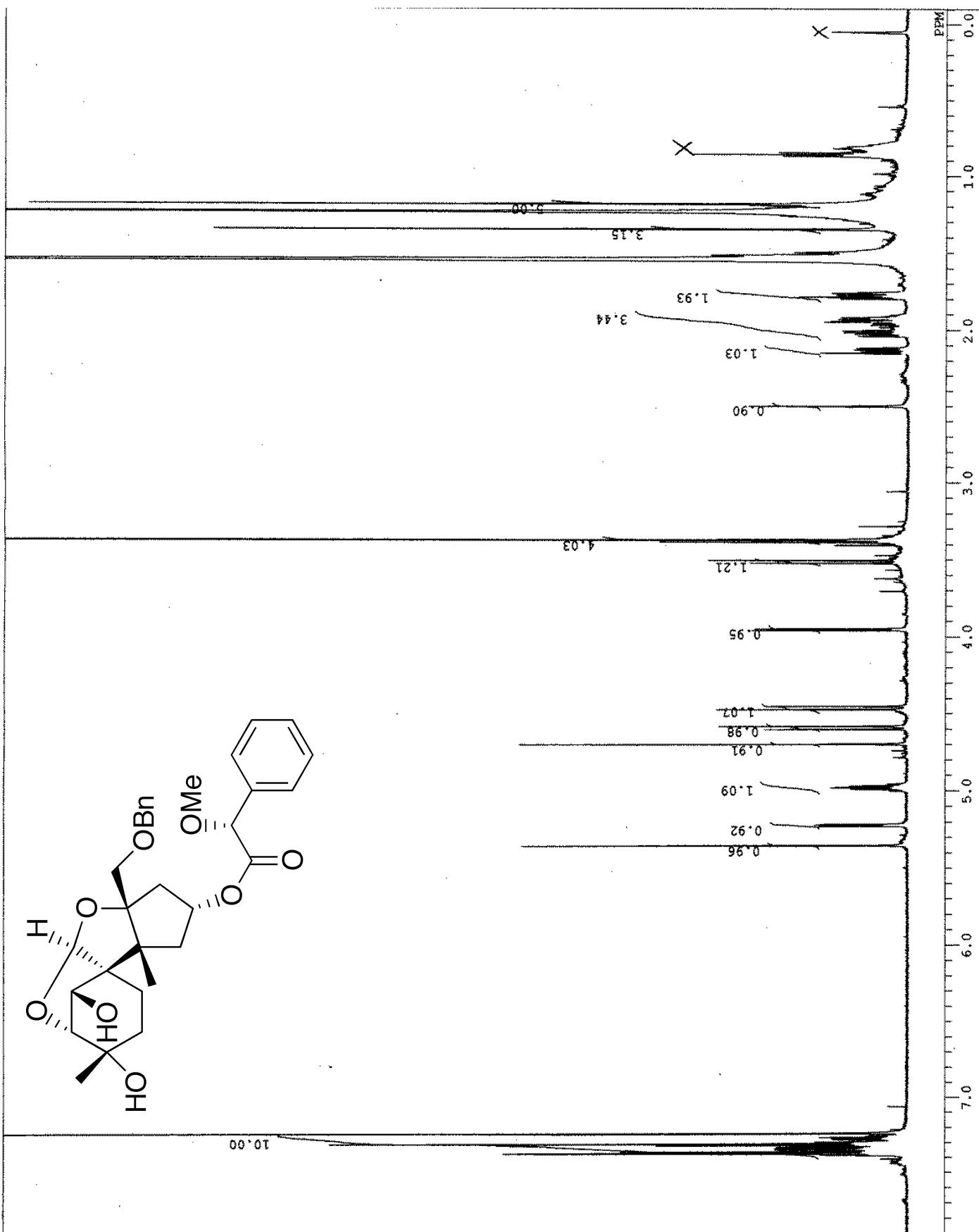
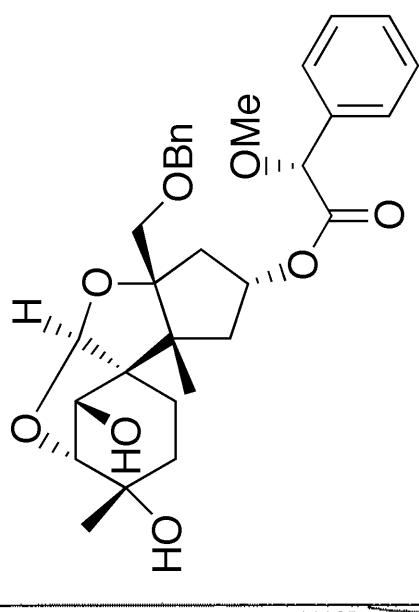


Figure S14 ^1H NMR spectrum of **13a** (600 MHz, CDCl_3)

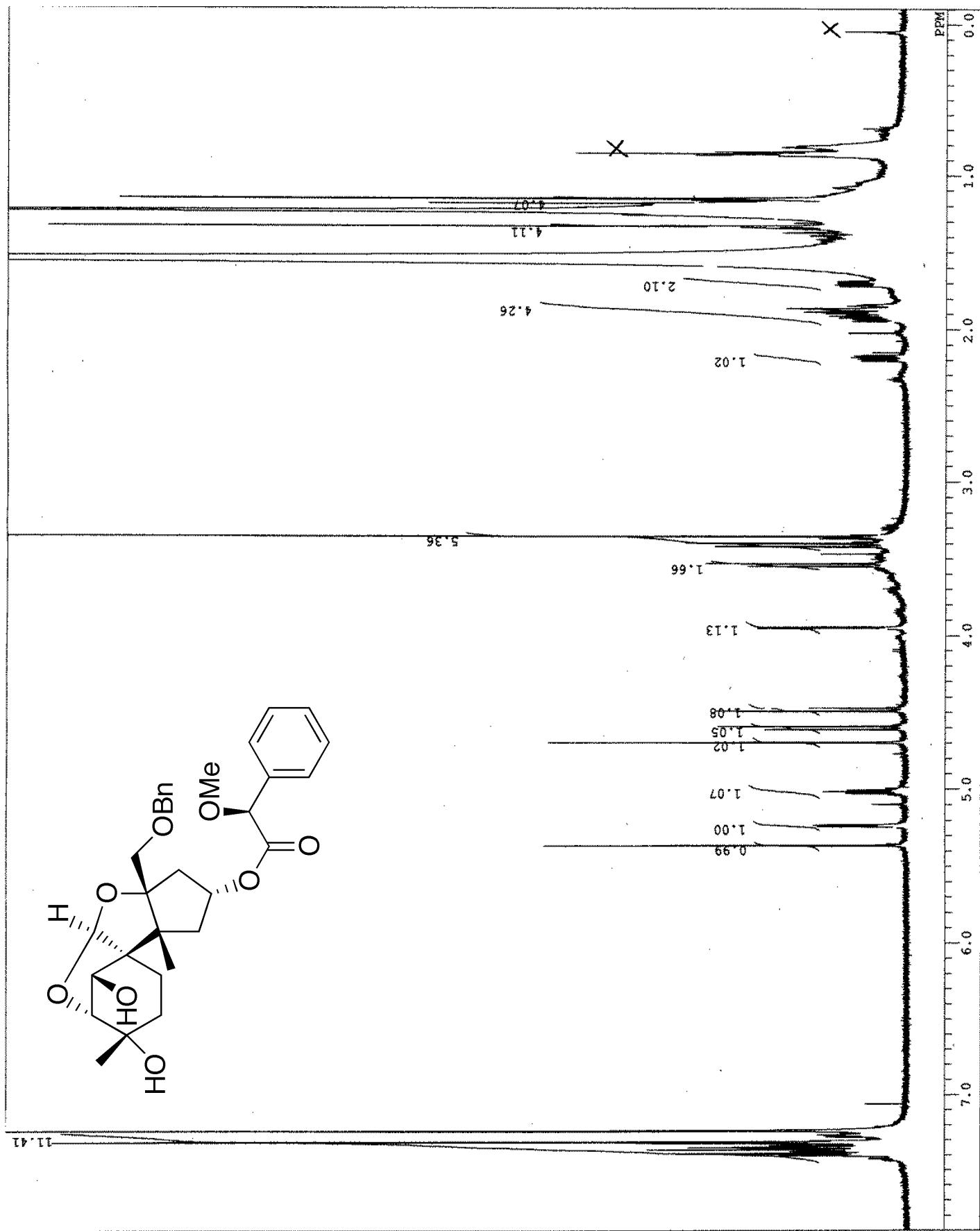
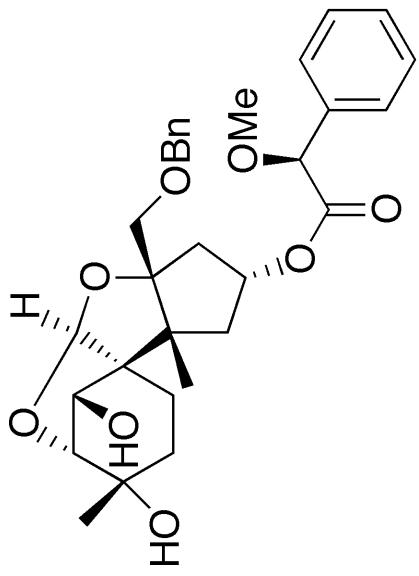


Figure S15 ^1H NMR spectrum of **13b** (600 MHz, CDCl_3)