

Exploring sesquiterpene alkaloid-like scaffolds via Beckmann-transanular remodelling of beta-caryophyllene

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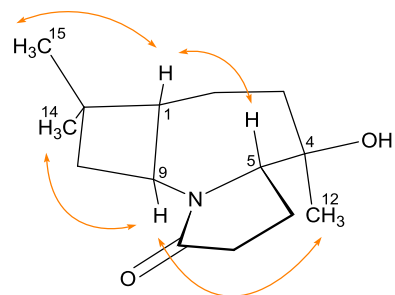
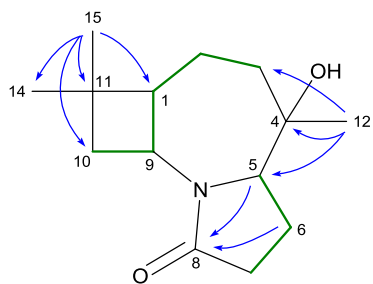
Content

Table S1: Selected 2D correlations of the products	S2
Figure S1. X-ray ORTEP views of Compounds 6 and 9.....	S4
Appendix: NMR and HR-MS Spectra	S5
Compound 3	S5
Compound 4	S6
Compound 5	S9
Compound 6	S12
Compound 7	S15
Compound 8	S18
Compound 9	S21
Compound 10	S24
Compound 11	S27
Compound 13	S30
Compound 14	S33
Compound 15	S36

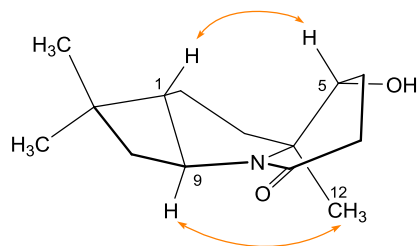
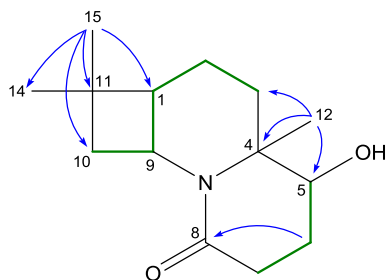
Table S1: Selected 2D correlations of the products

	COSY (—) & HMBC (→)	NOESY (↔)
4		
5		
6		
7		
8		

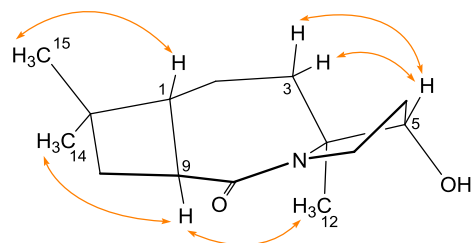
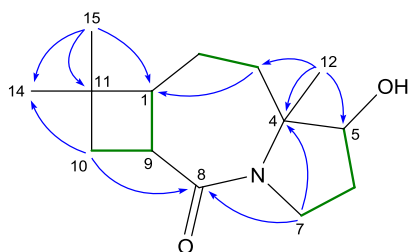
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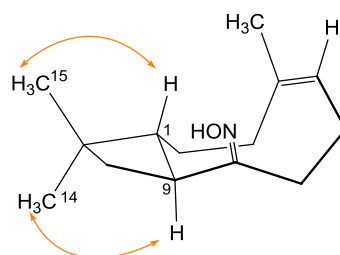
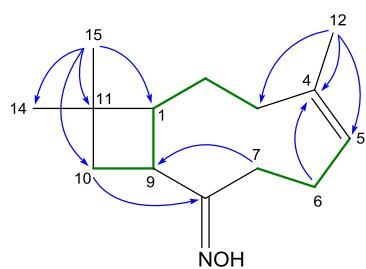
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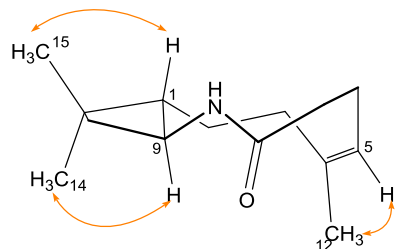
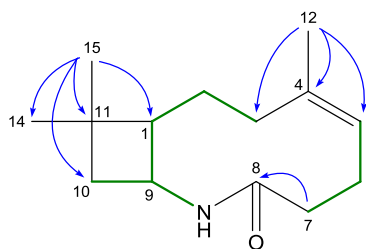
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13



14



15

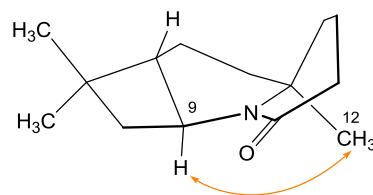
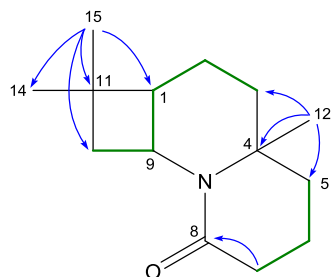
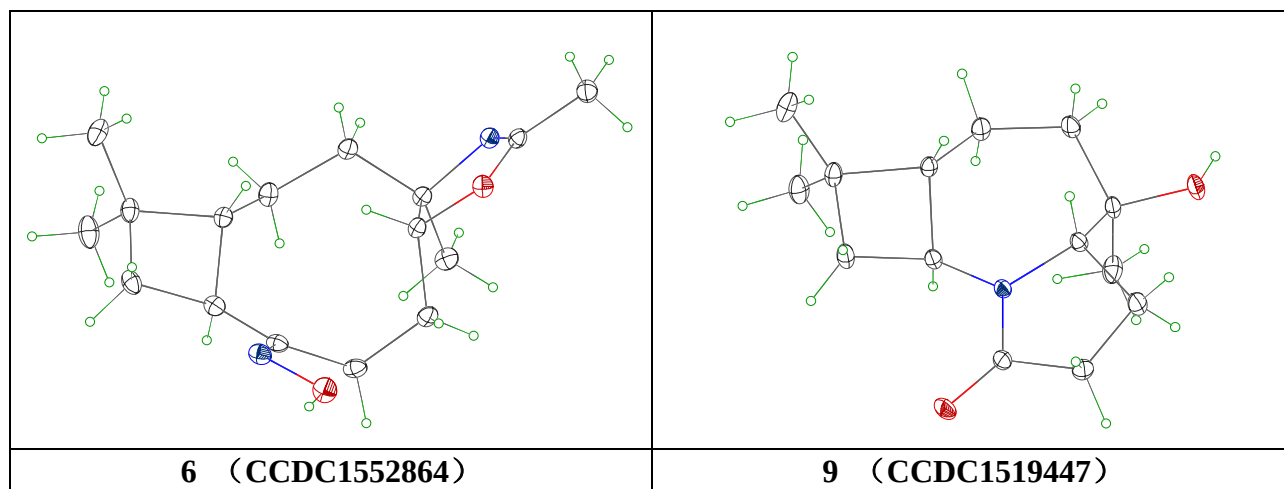
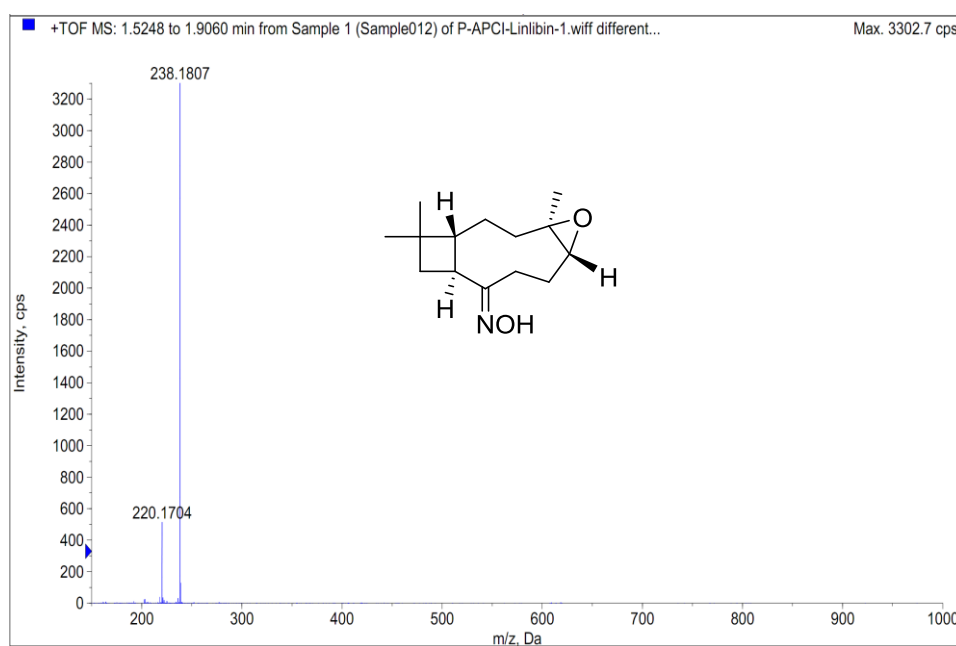
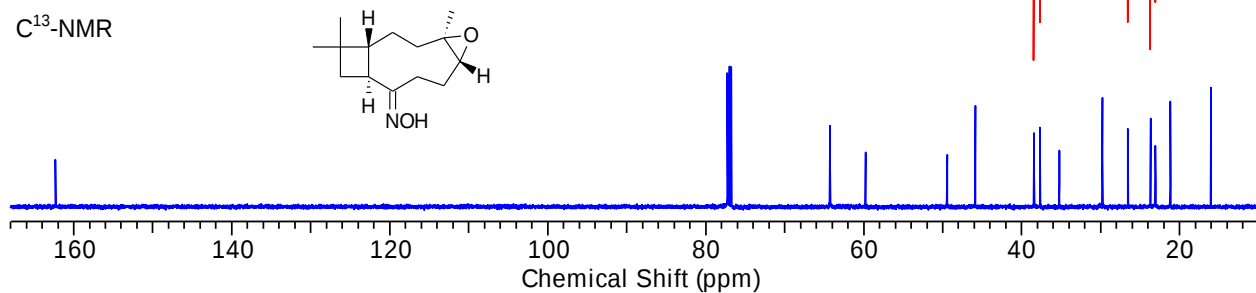
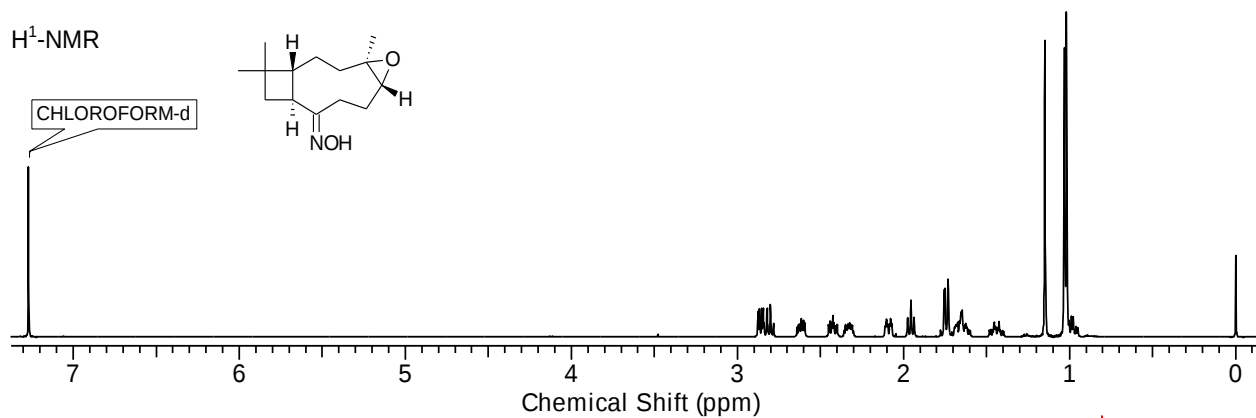


Figure S1. X-ray ORTEP views of Compounds 6 and 9



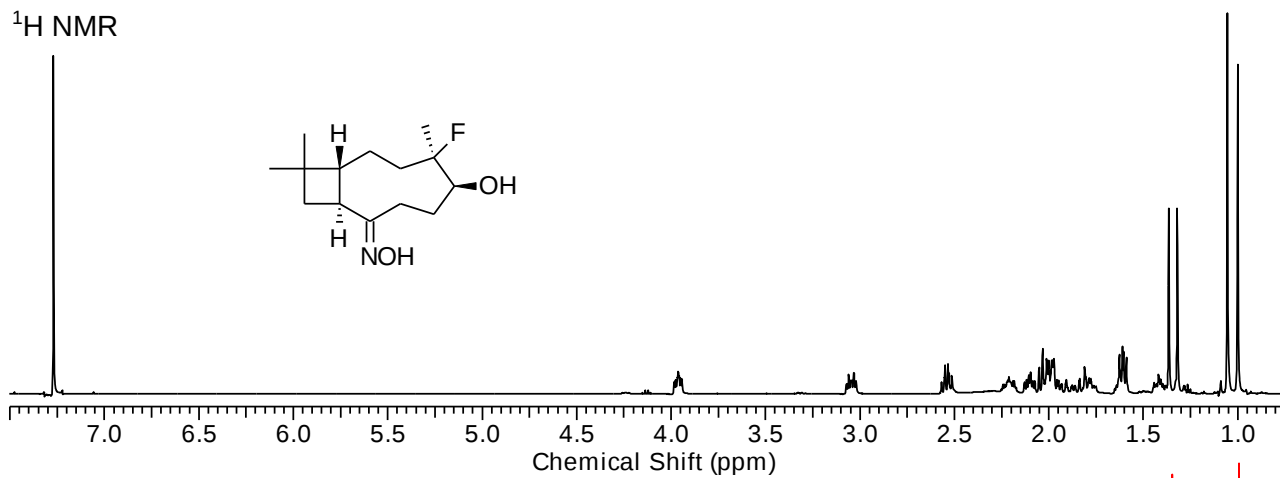
Appendix: NMR and HR-MS Spectra

Compound 3

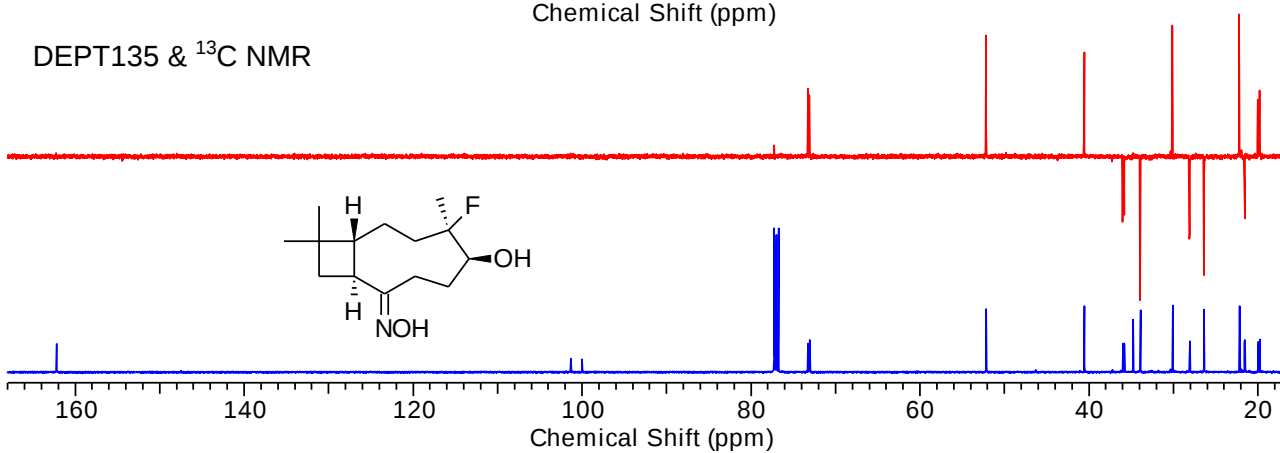


Compound 4

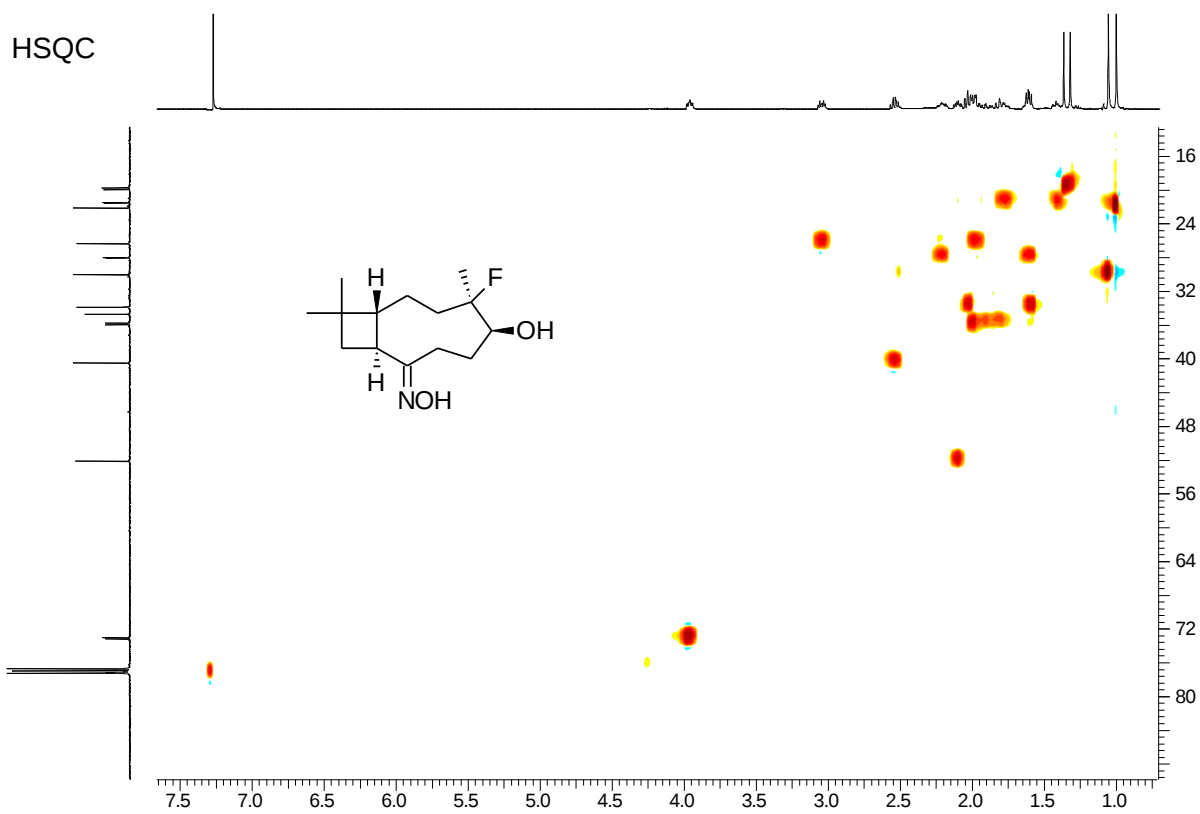
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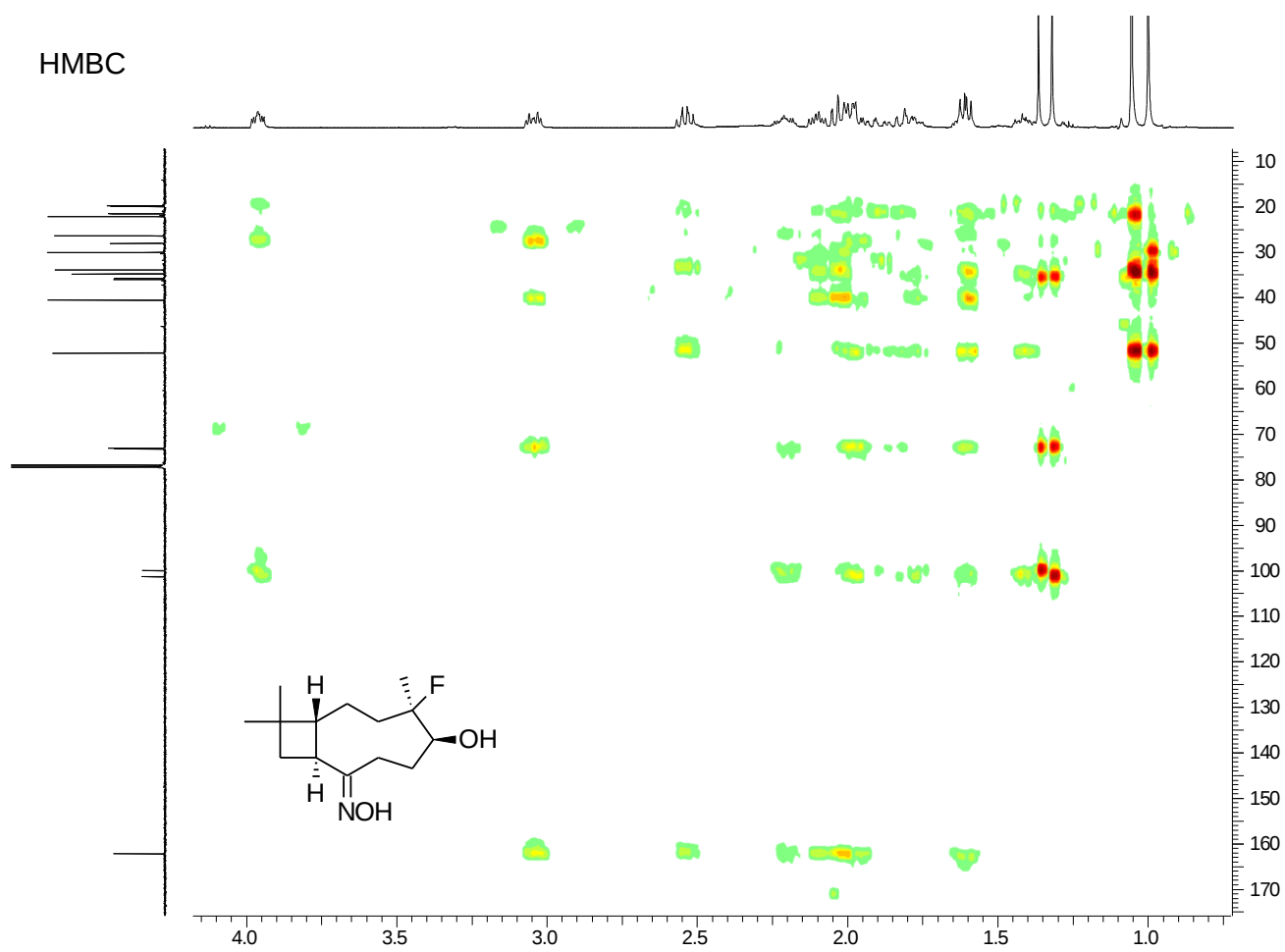
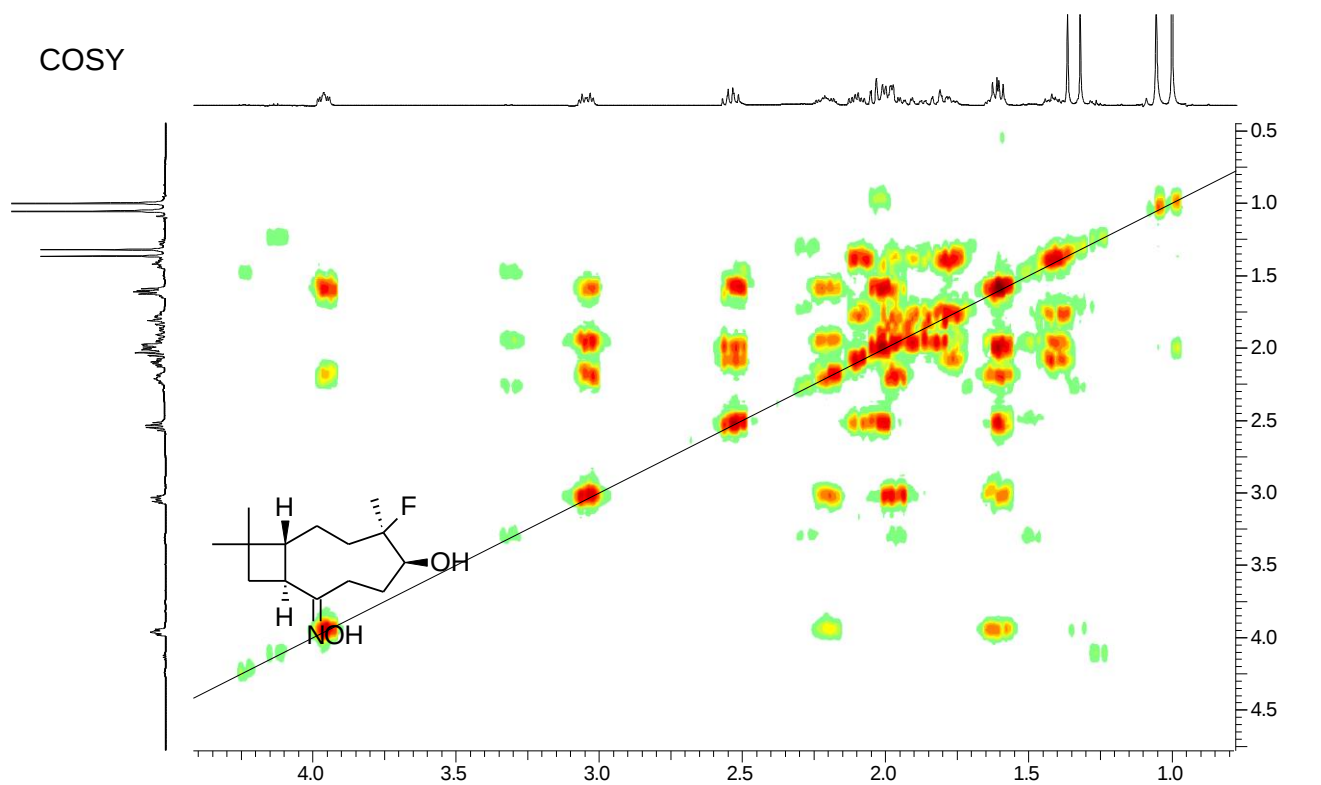


DEPT135 & ^{13}C NMR

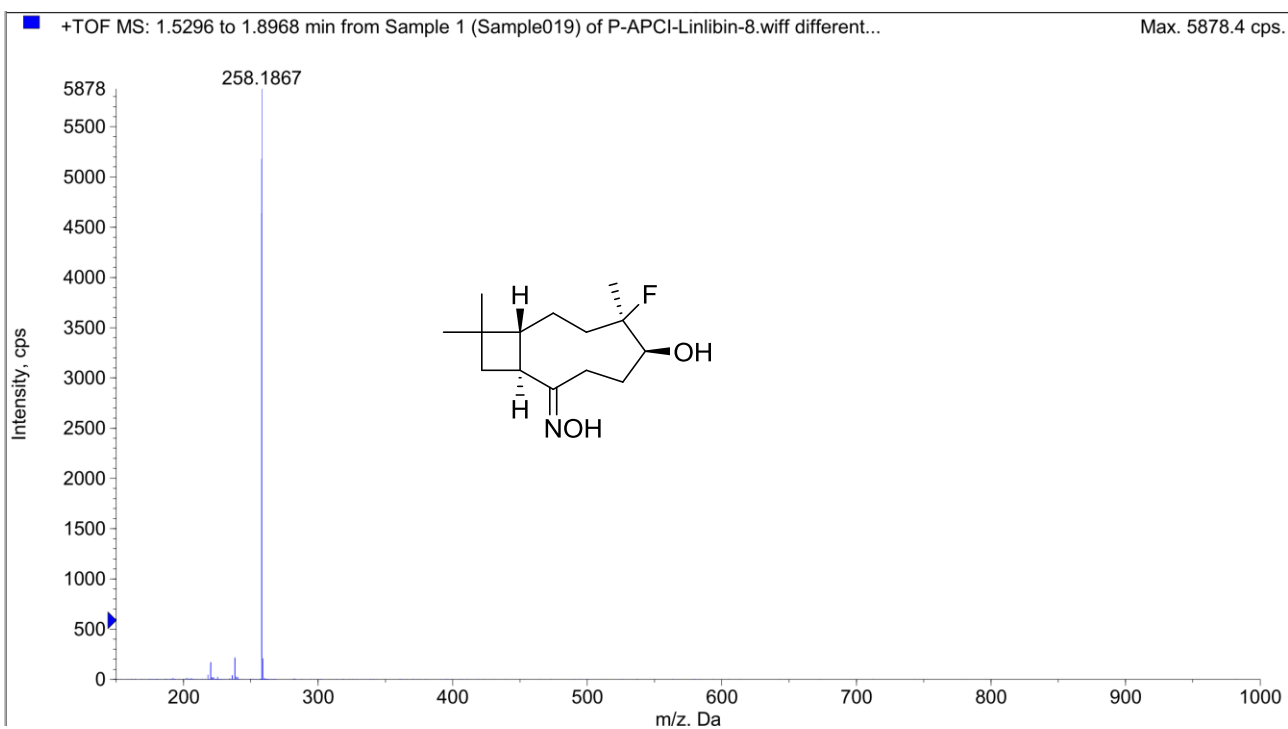
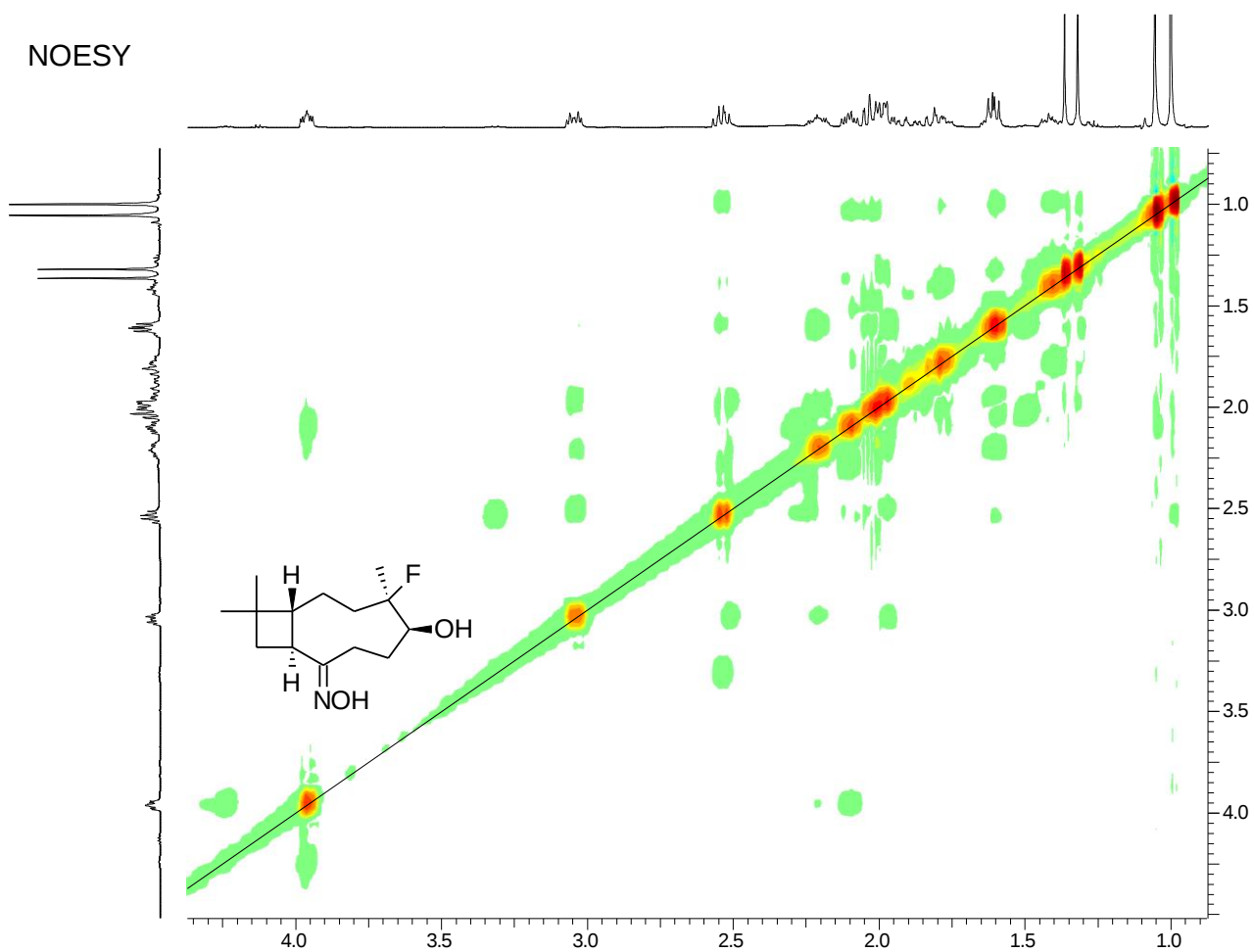


HSQC



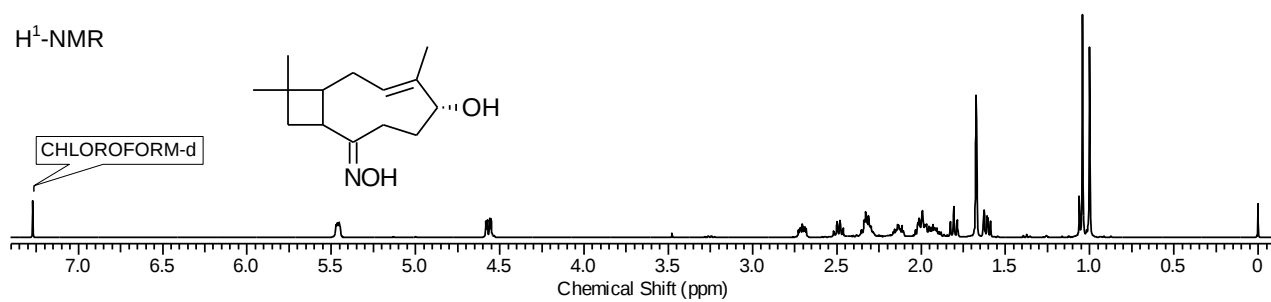


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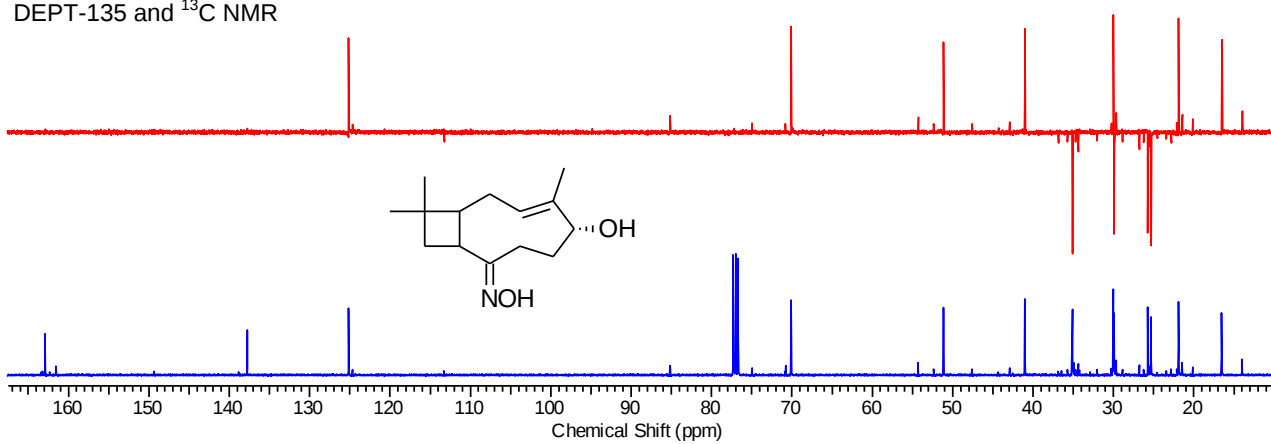


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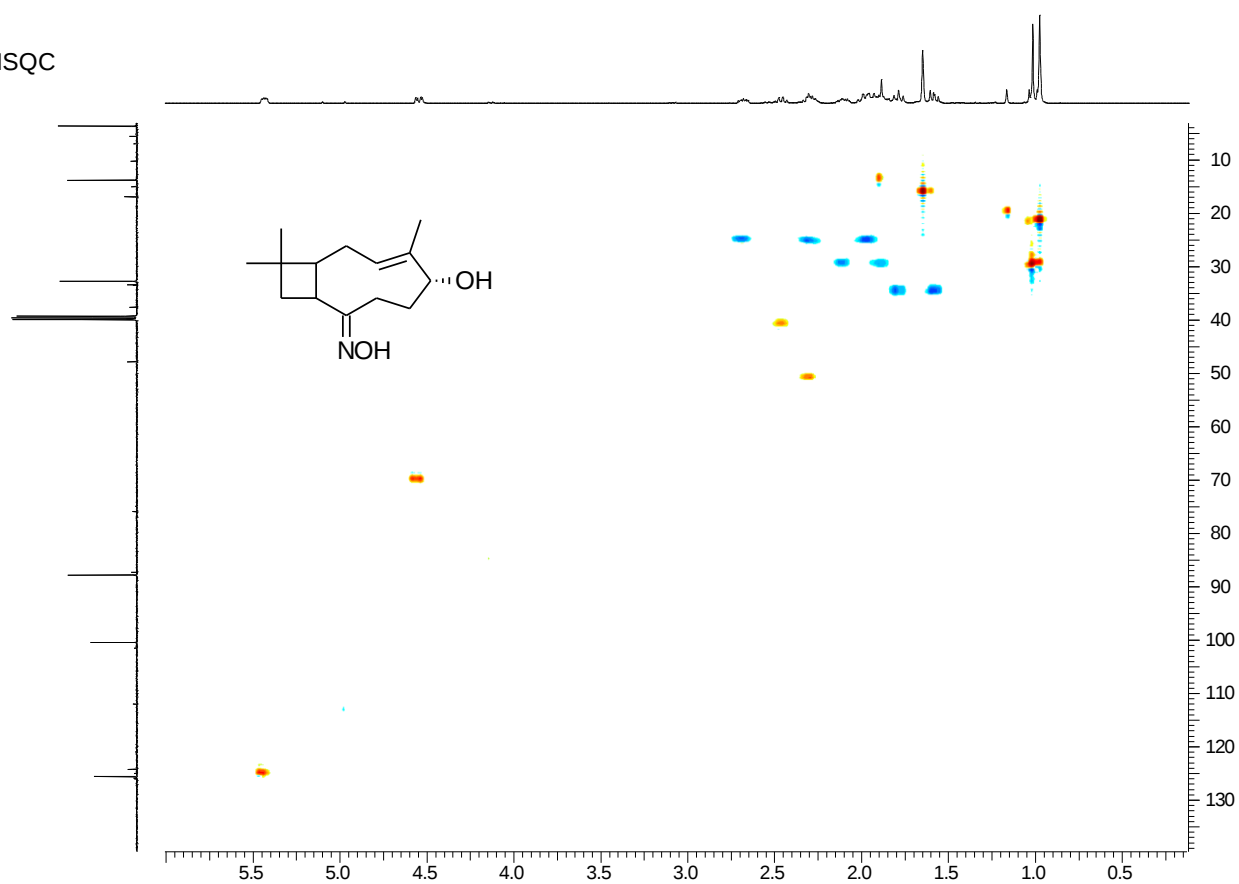
^1H -NMR



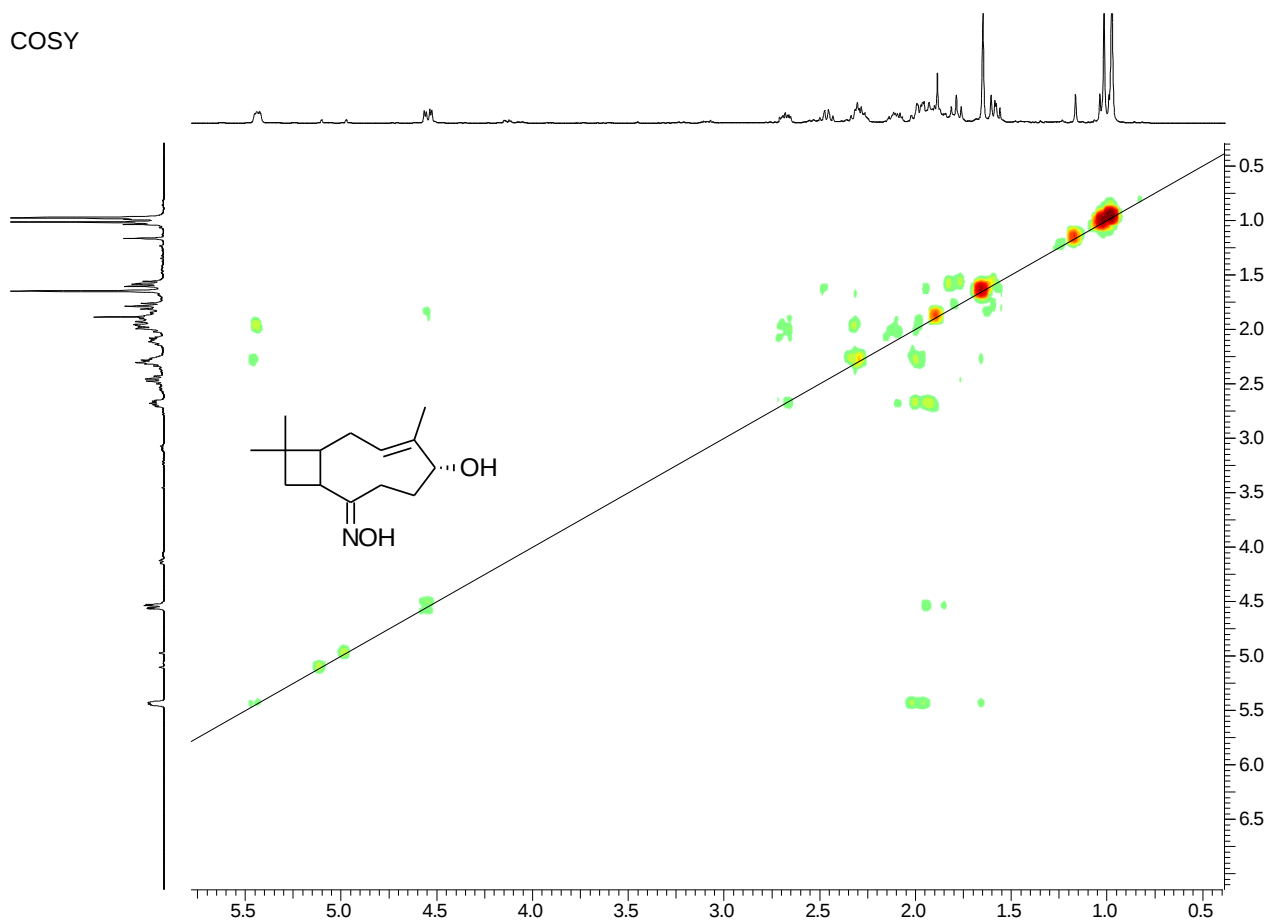
DEPT-135 and ^{13}C NMR



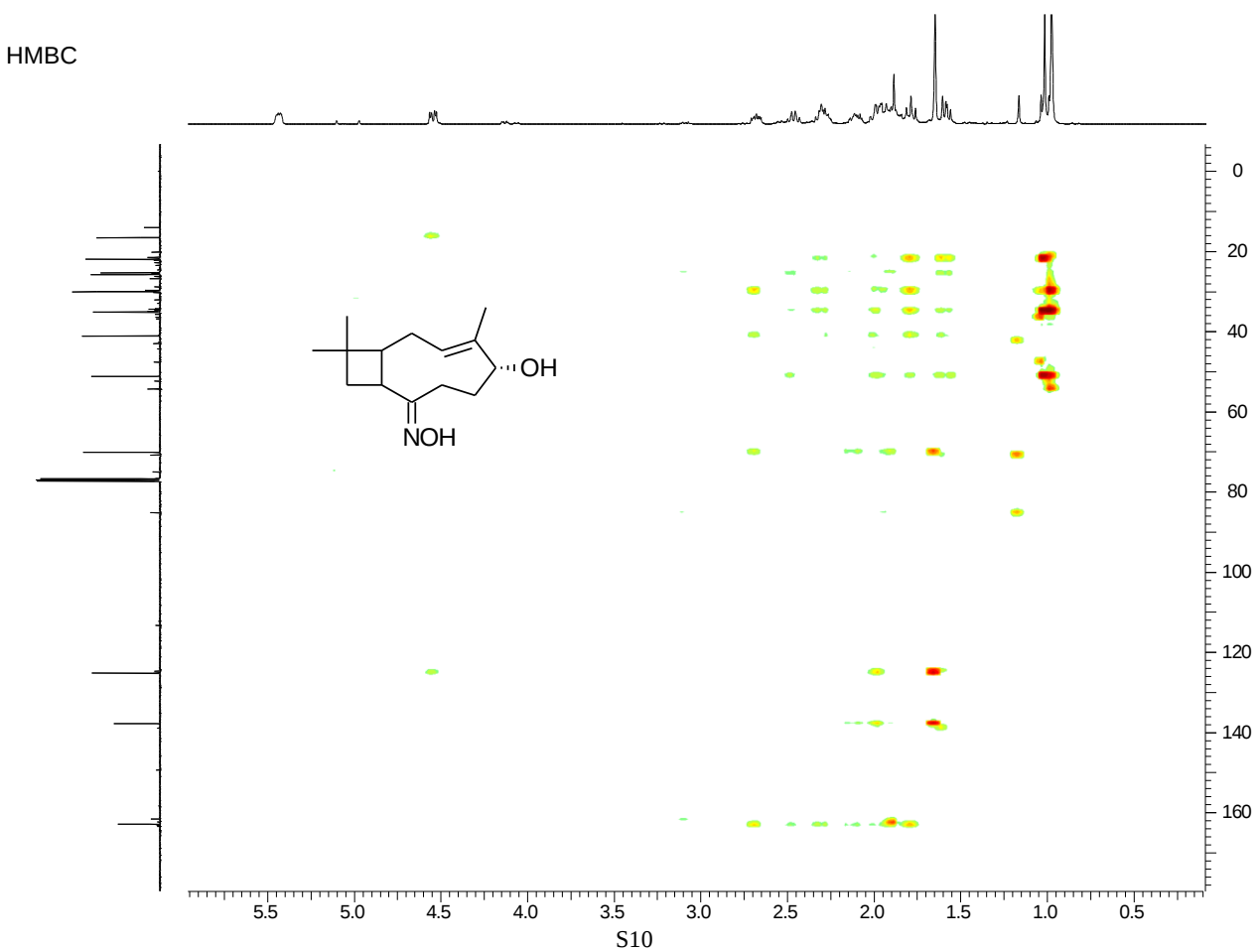
HSQC



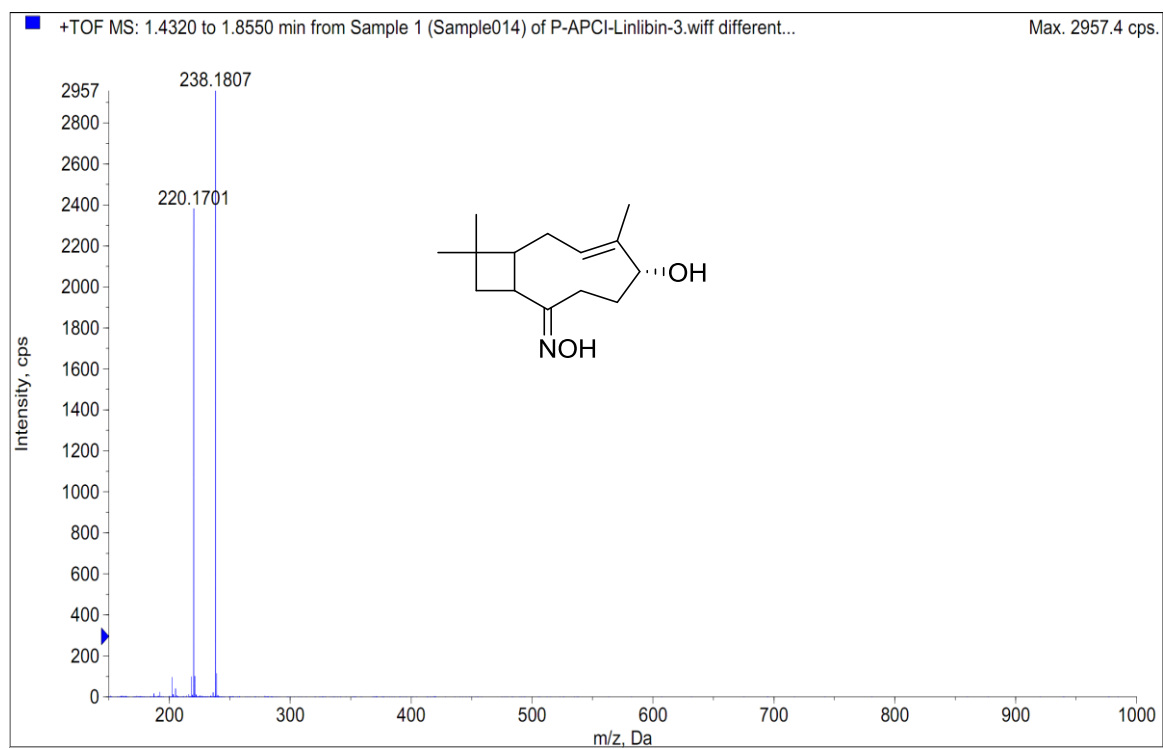
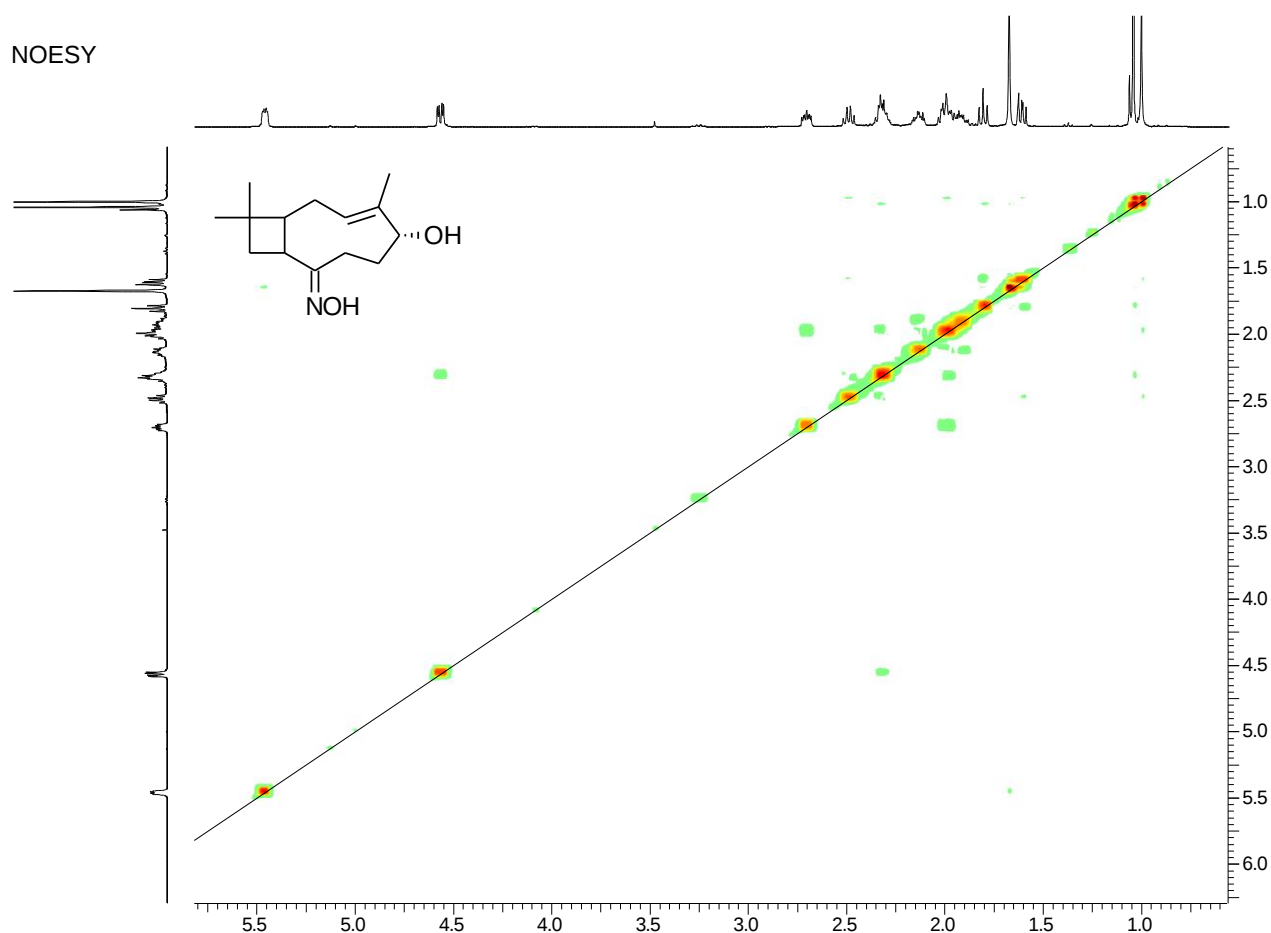
COSY



HMBC

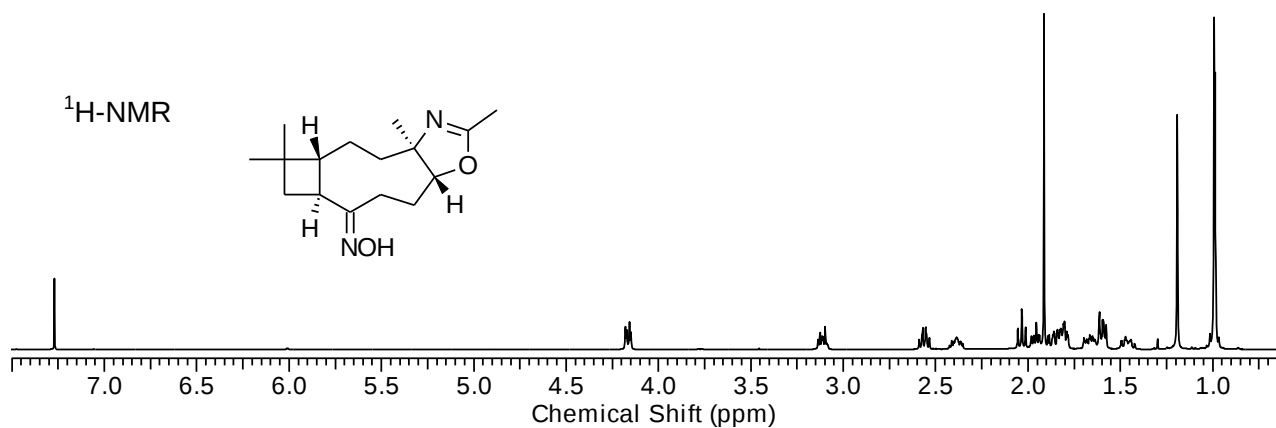


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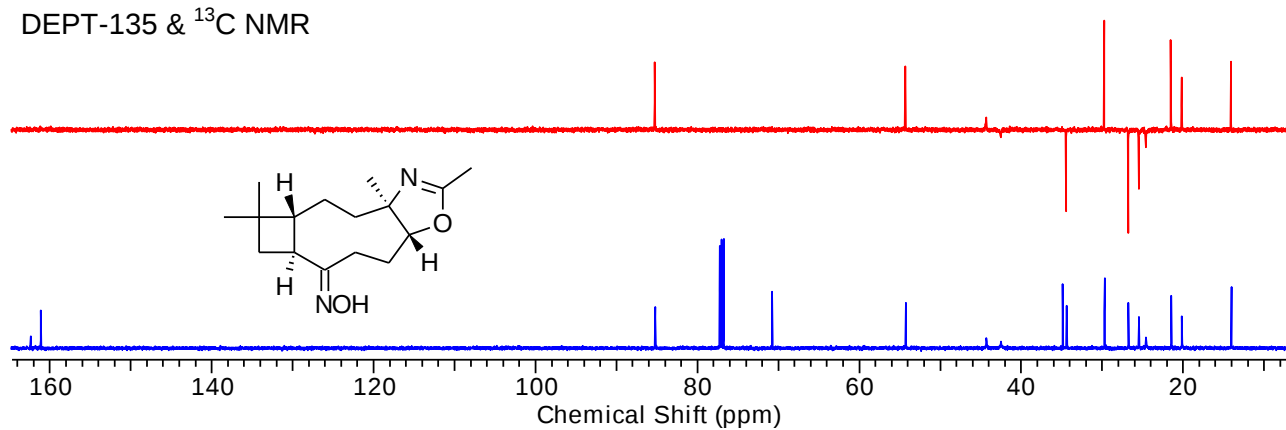


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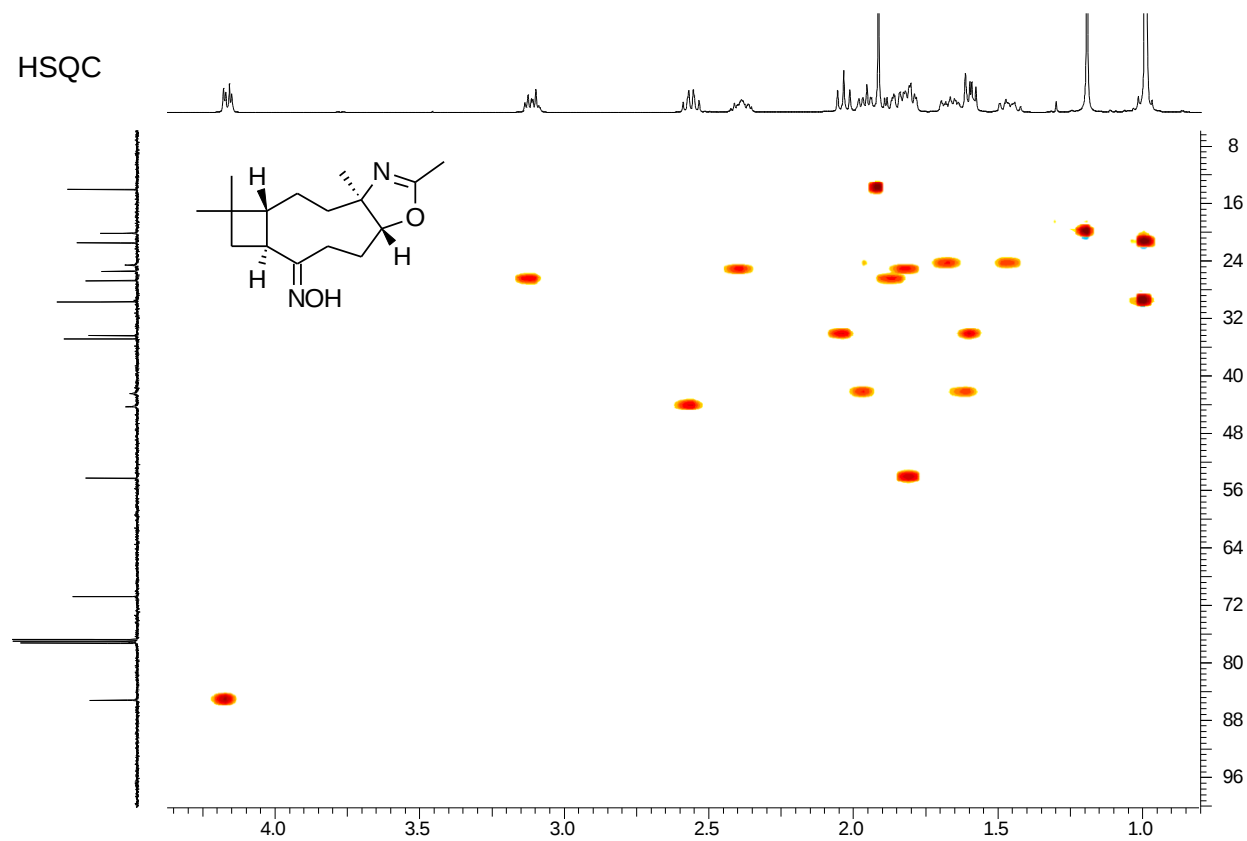
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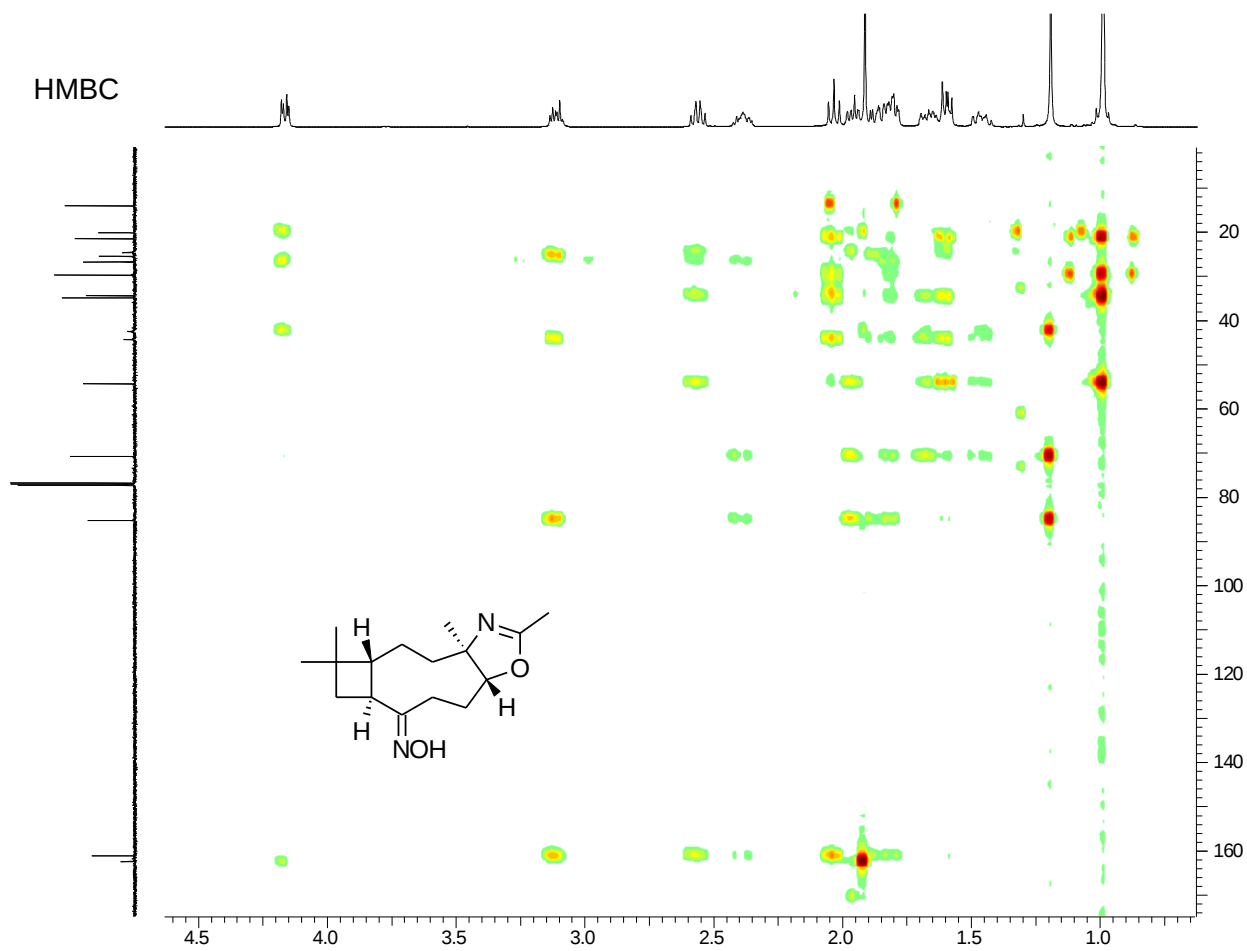
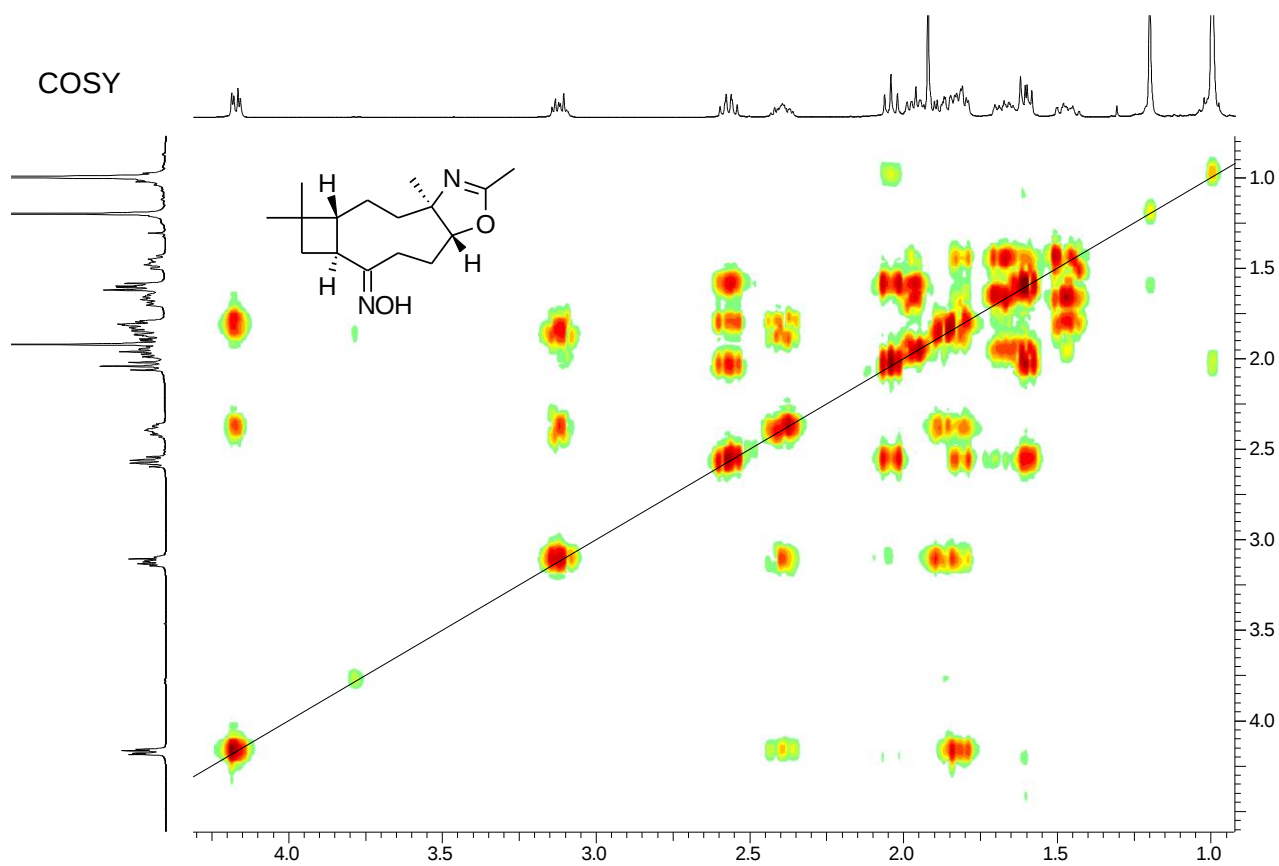


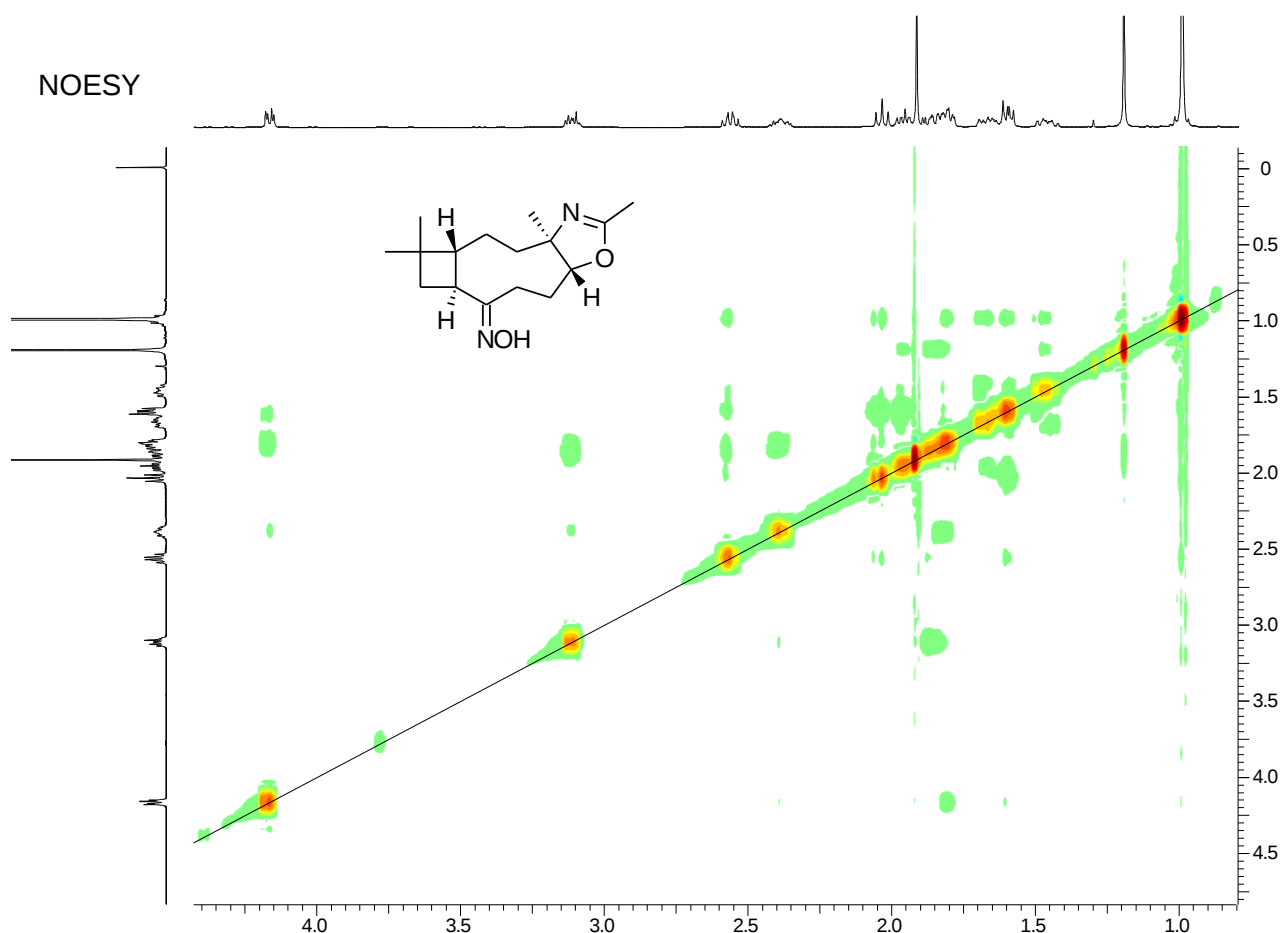
DEPT-135 & ^{13}C NMR



HSQC

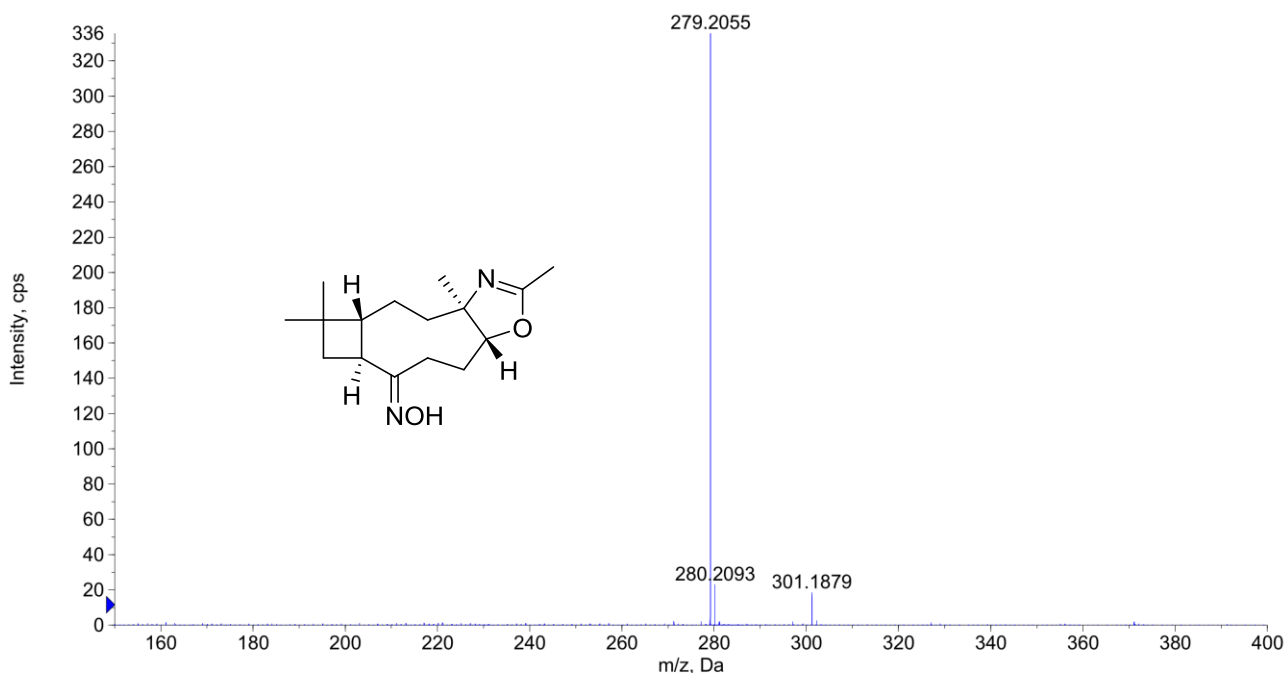






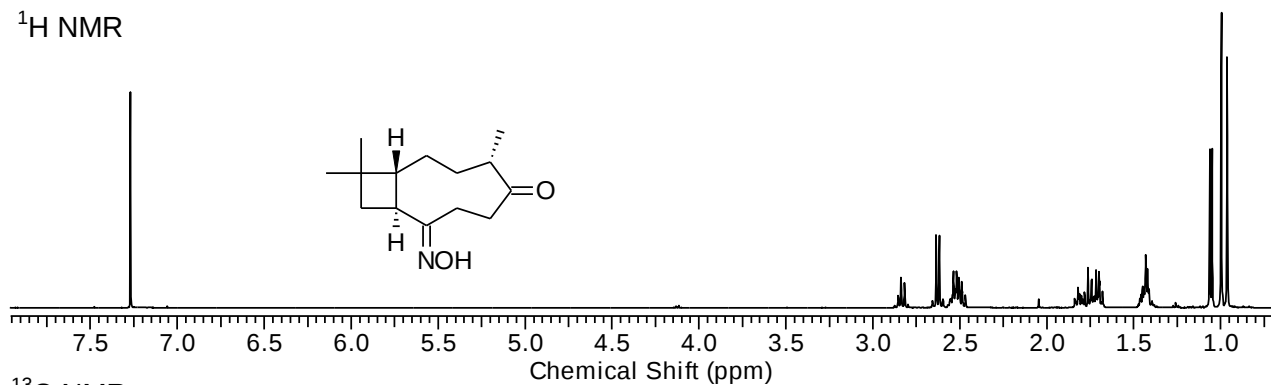
■ +TOF MS: 1.7670 to 2.1623 min from Sample 1 (Sample002) of P-Linlibin-4.wiff different calibra...

Max. 335.6 cps.

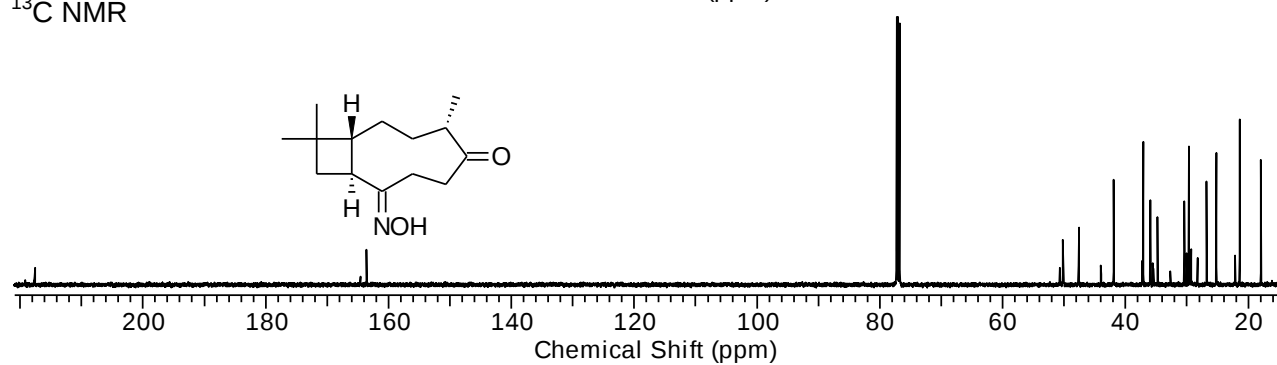


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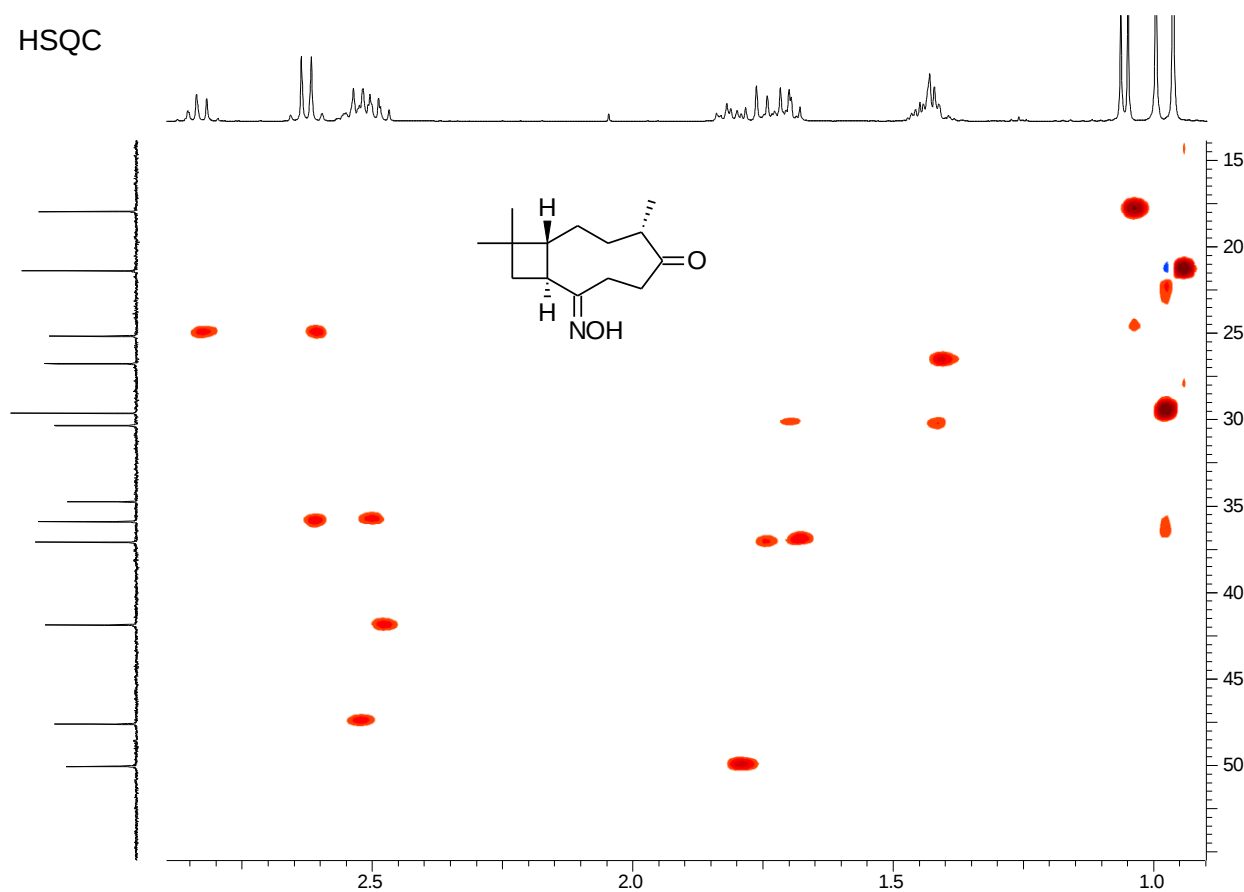
^1H NMR

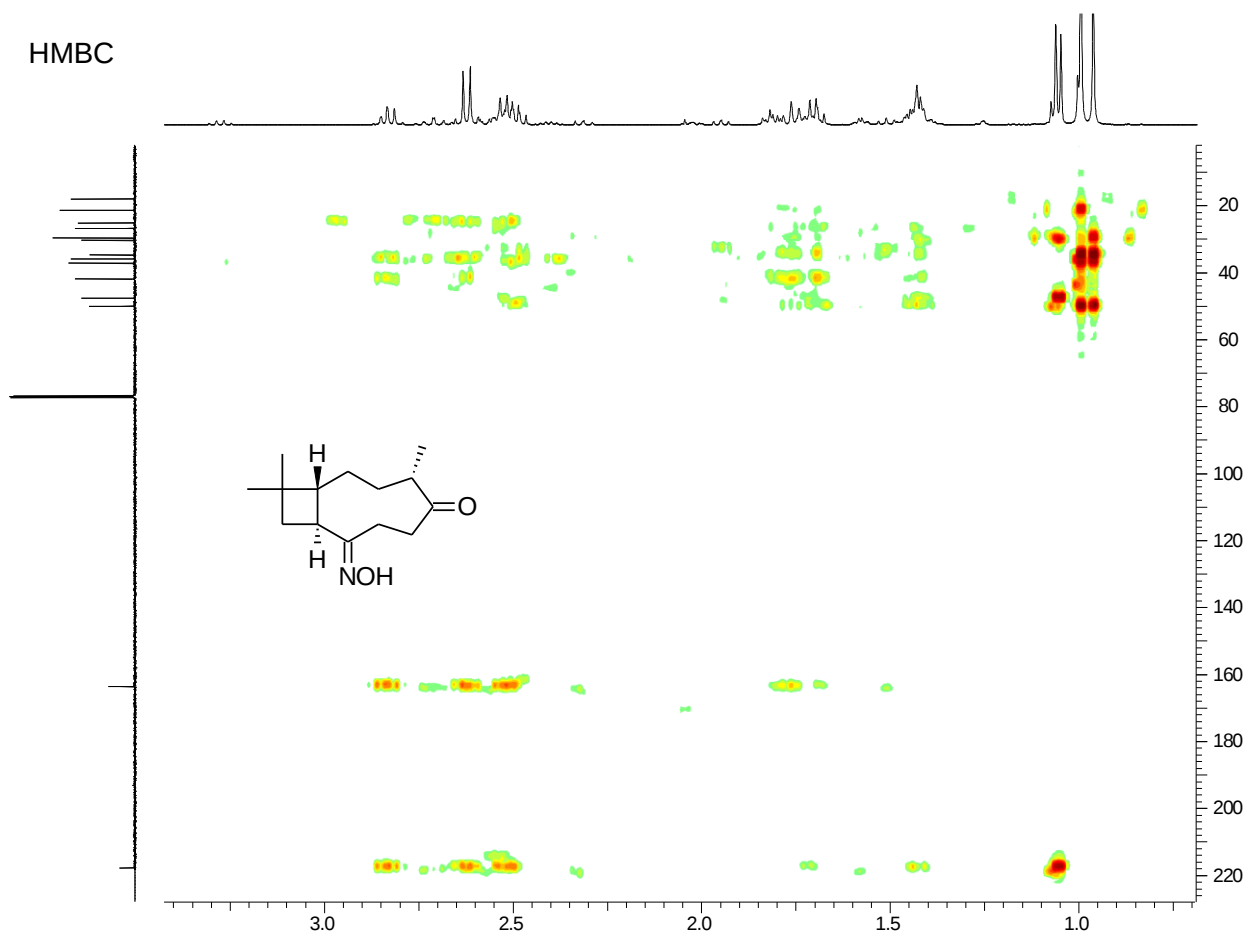
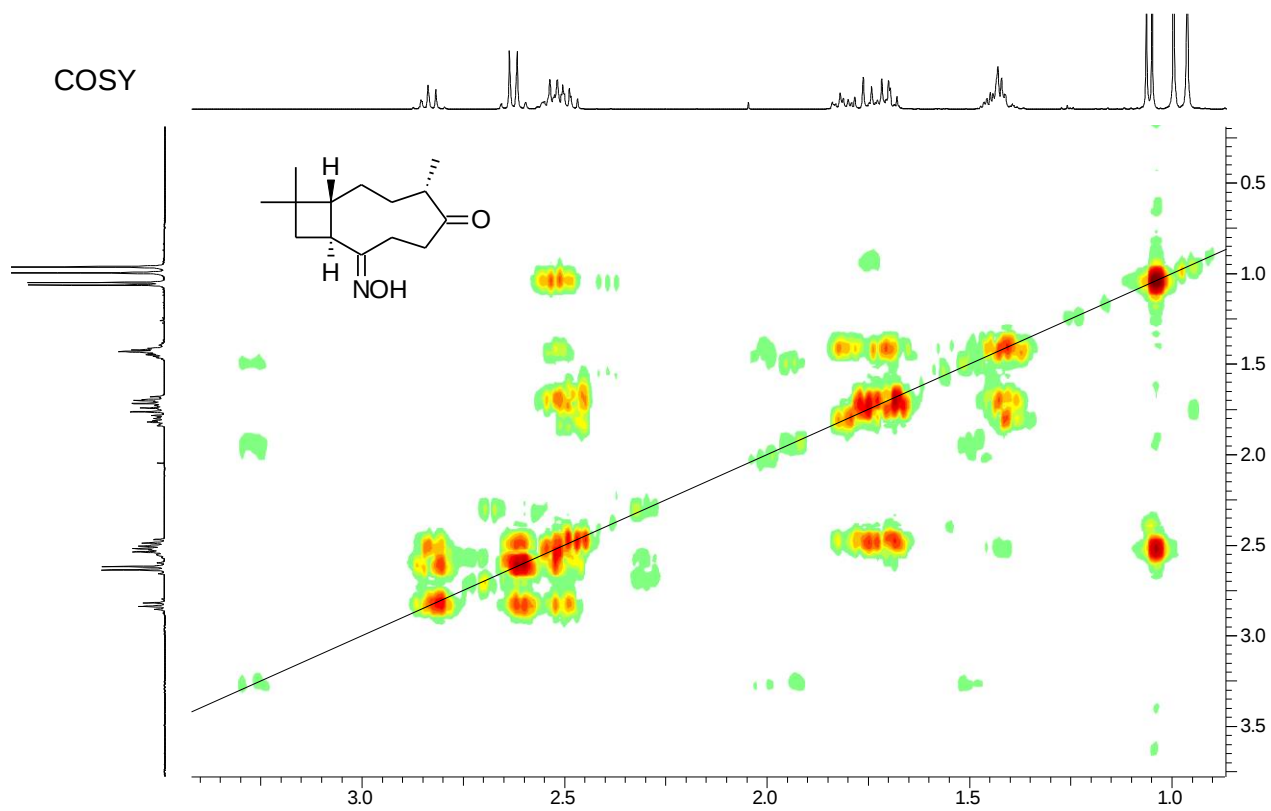


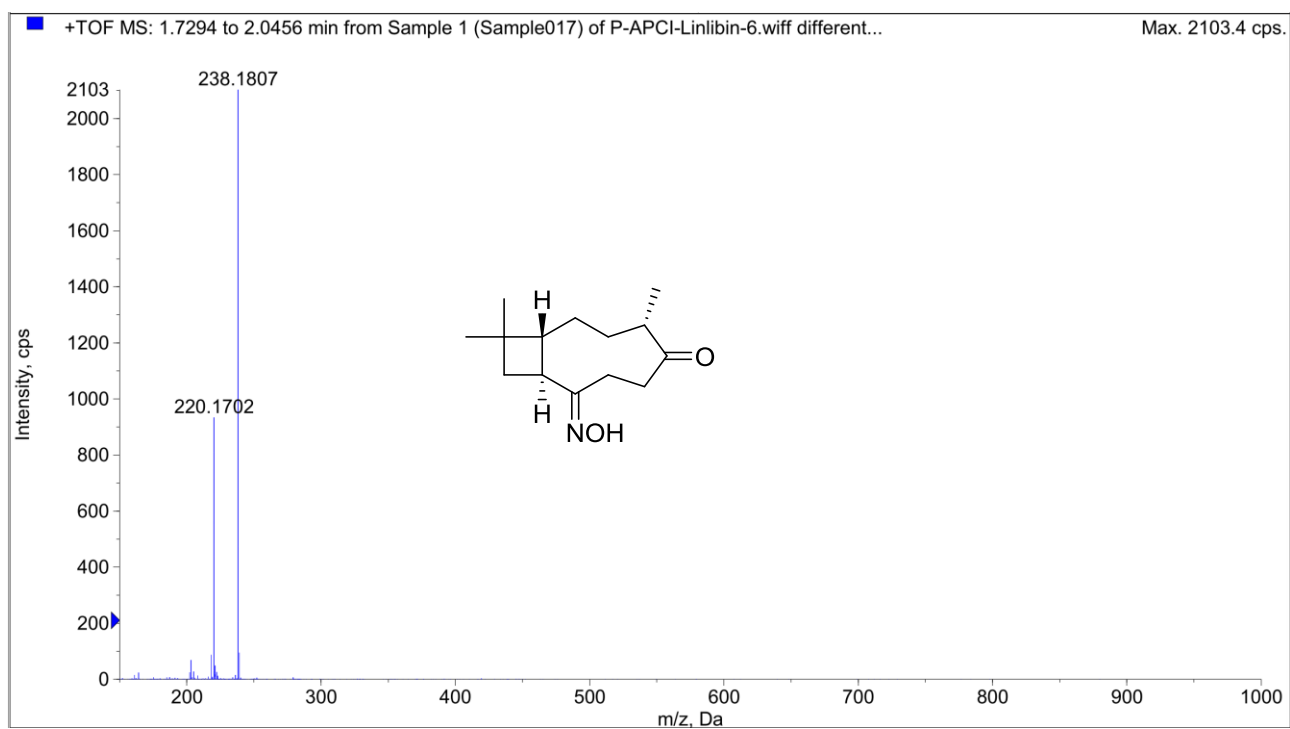
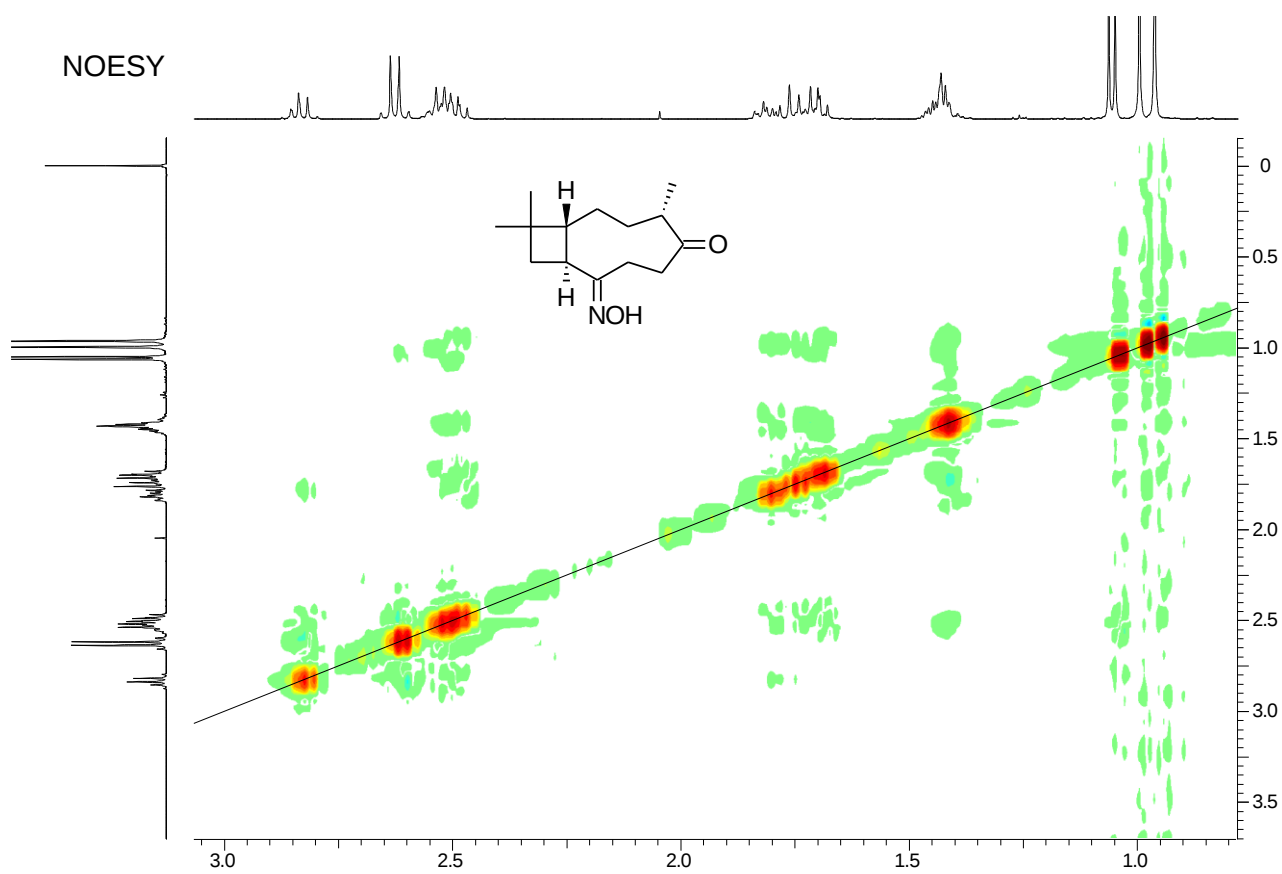
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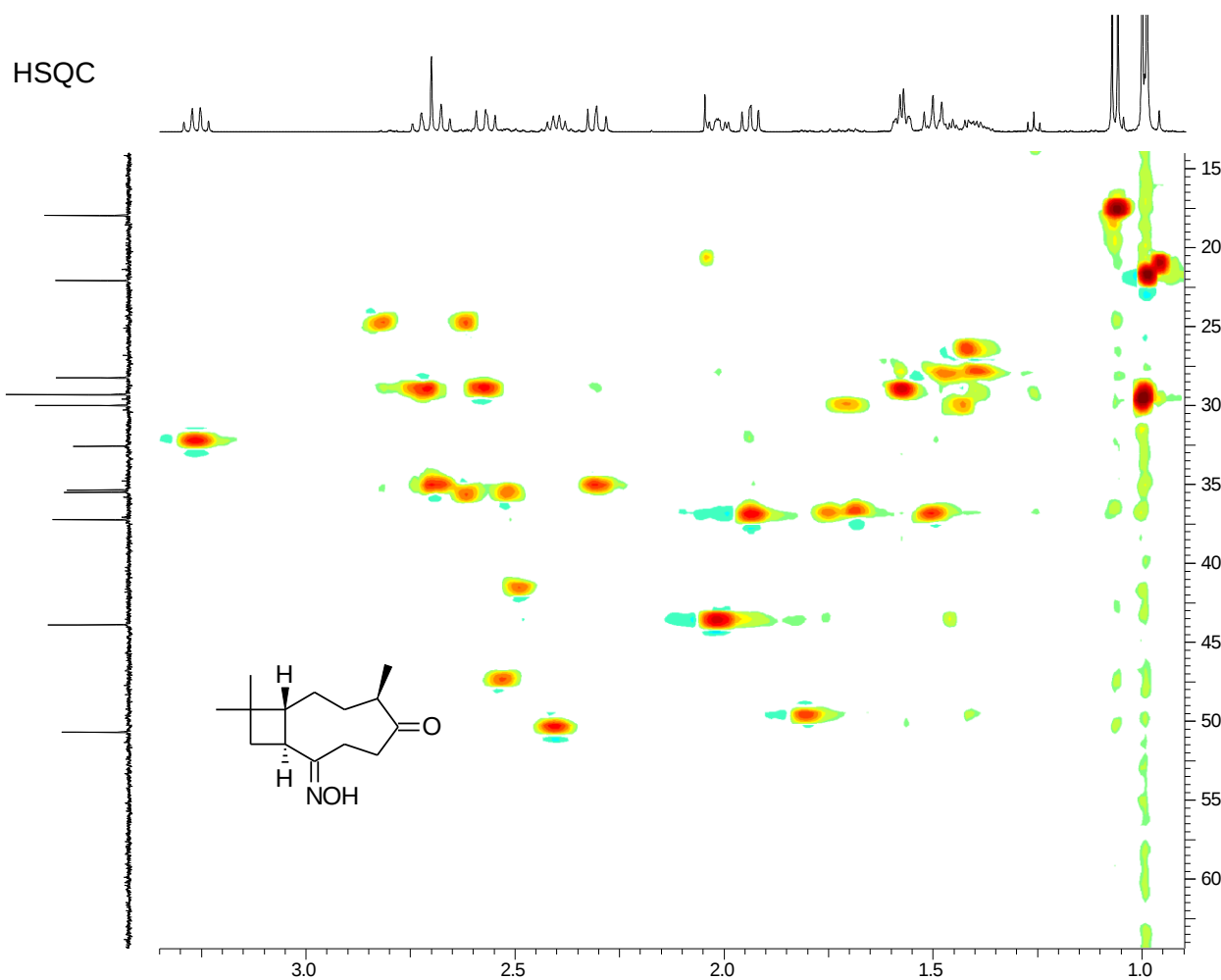
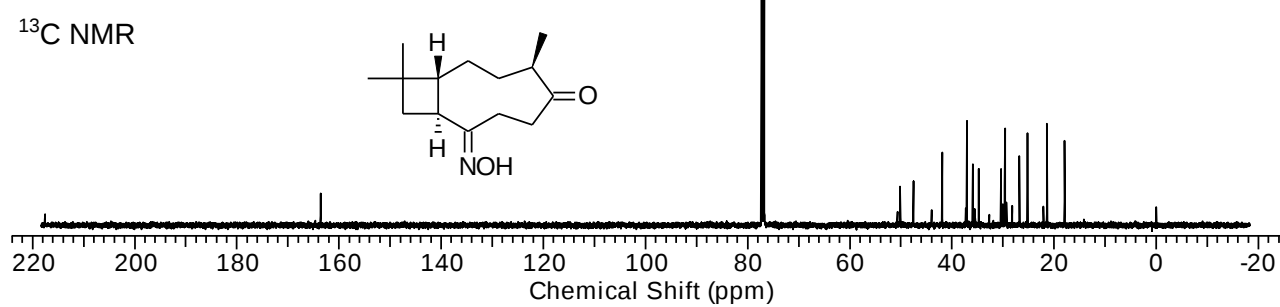
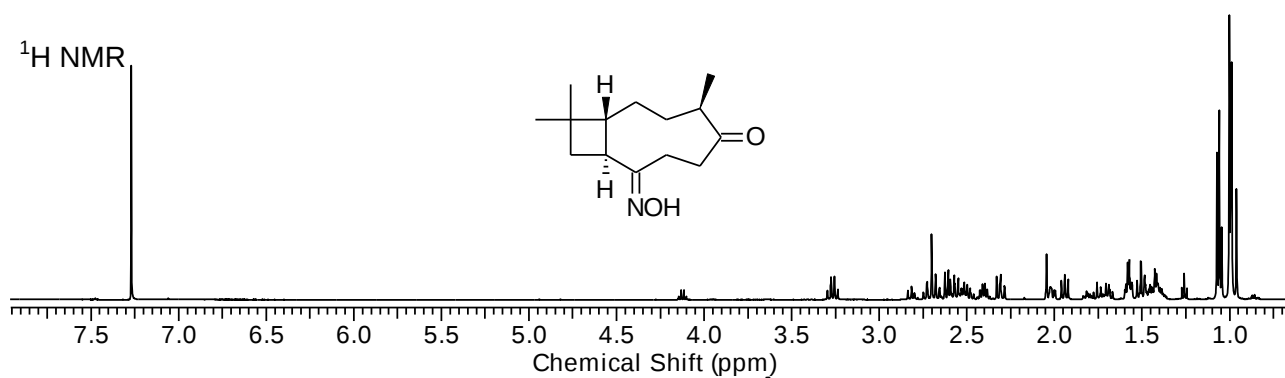
HSQC



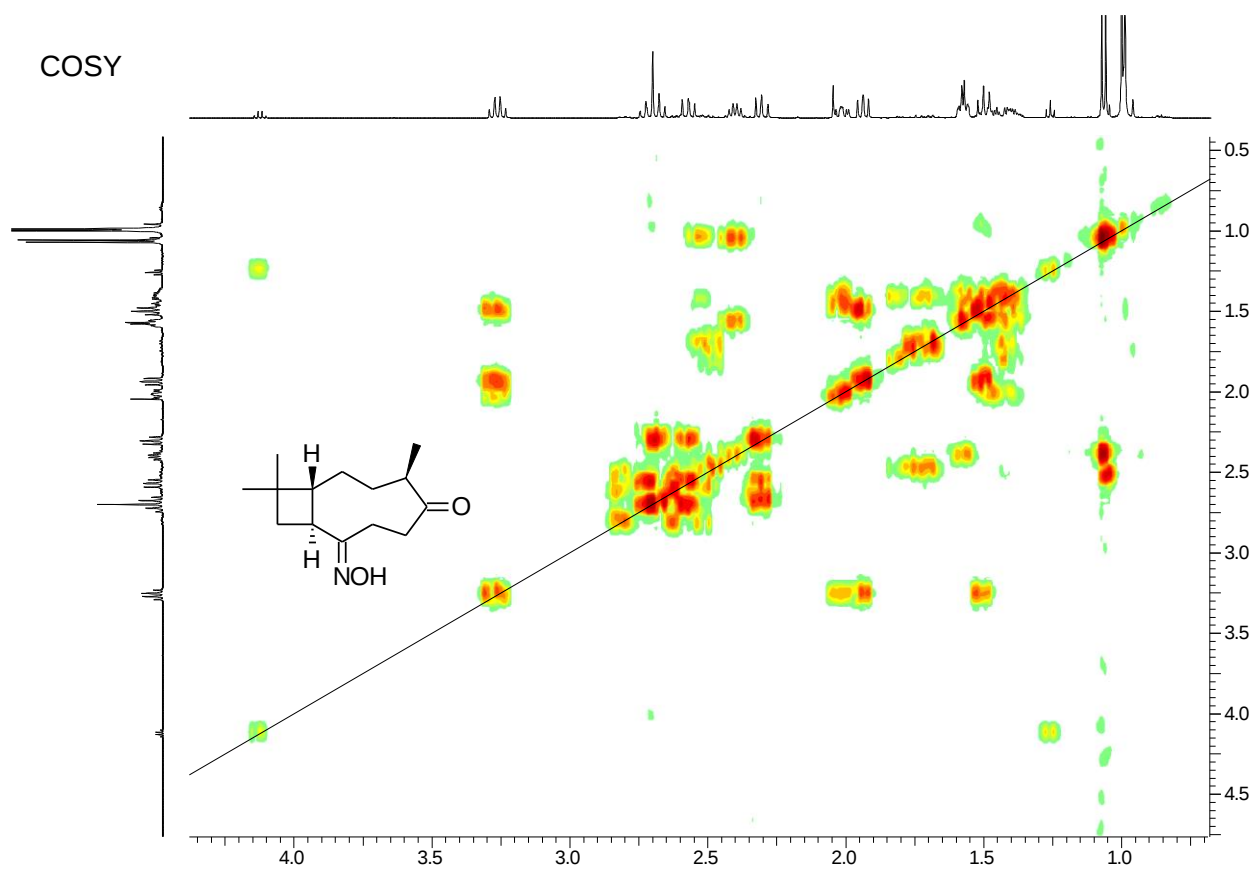




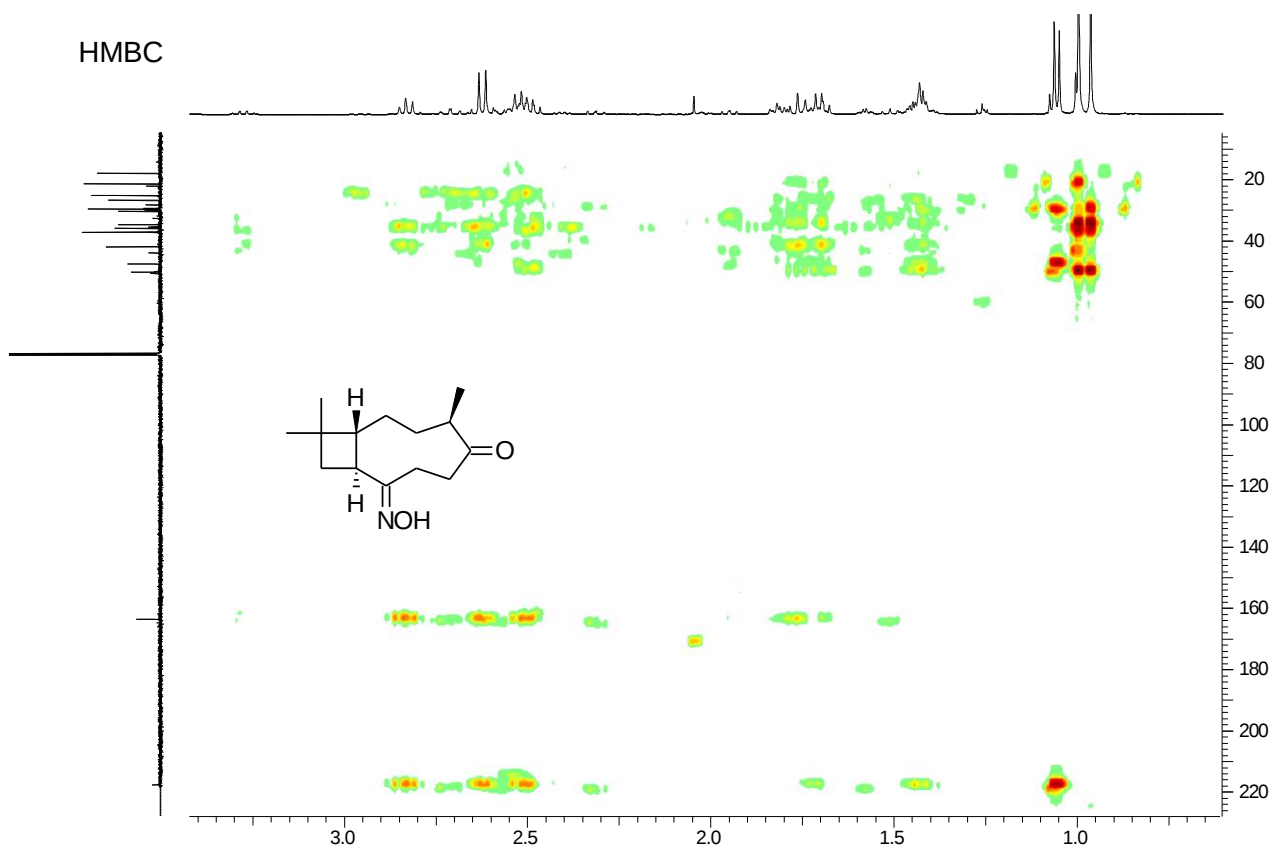
Compound 8

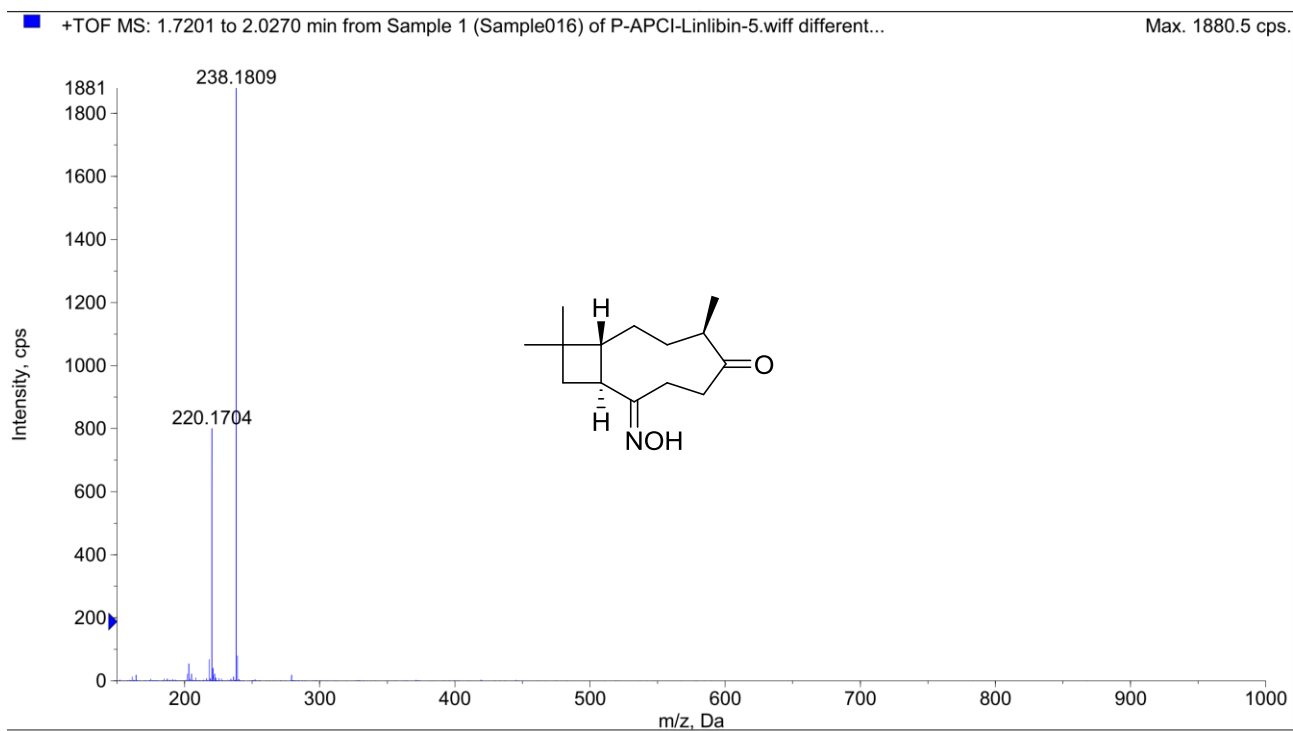
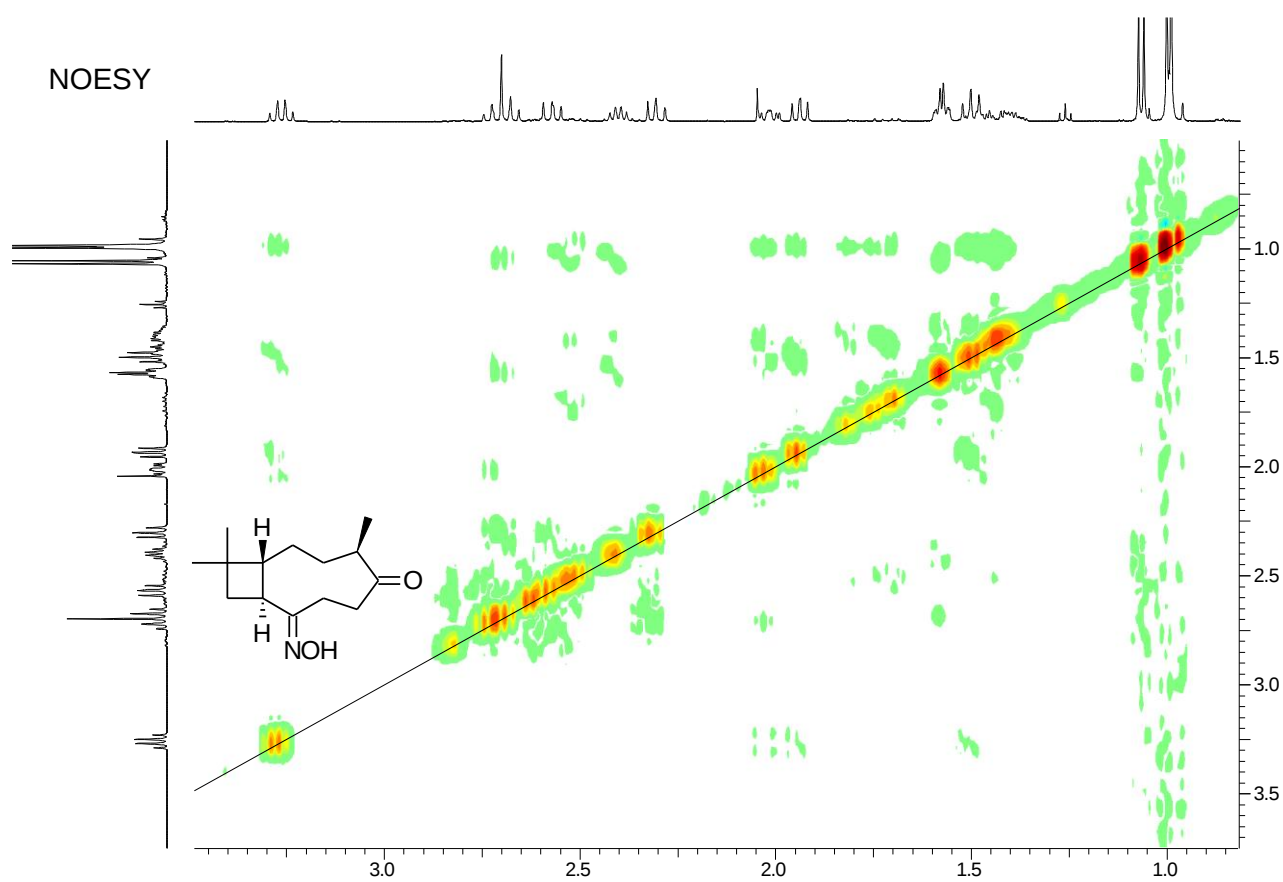


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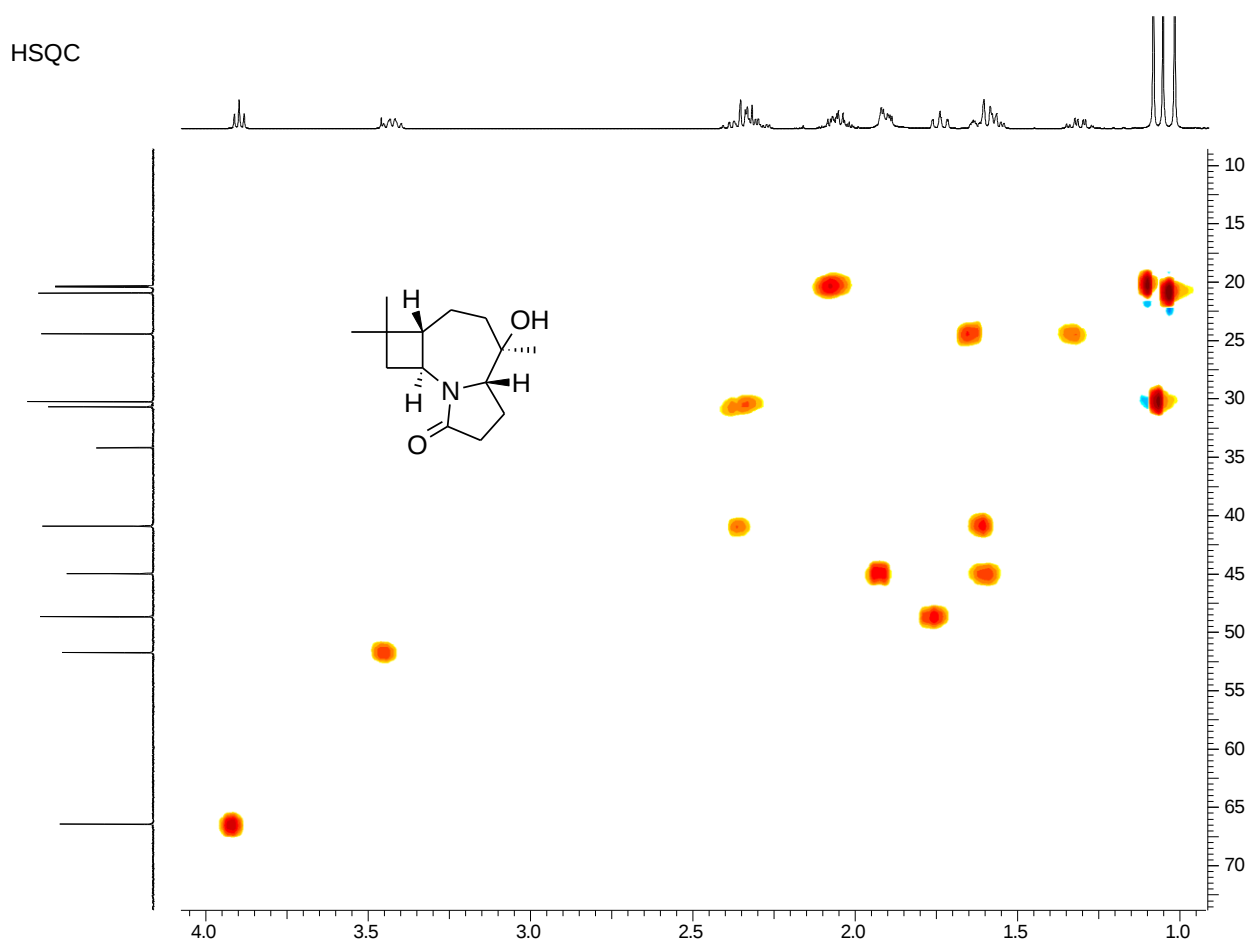
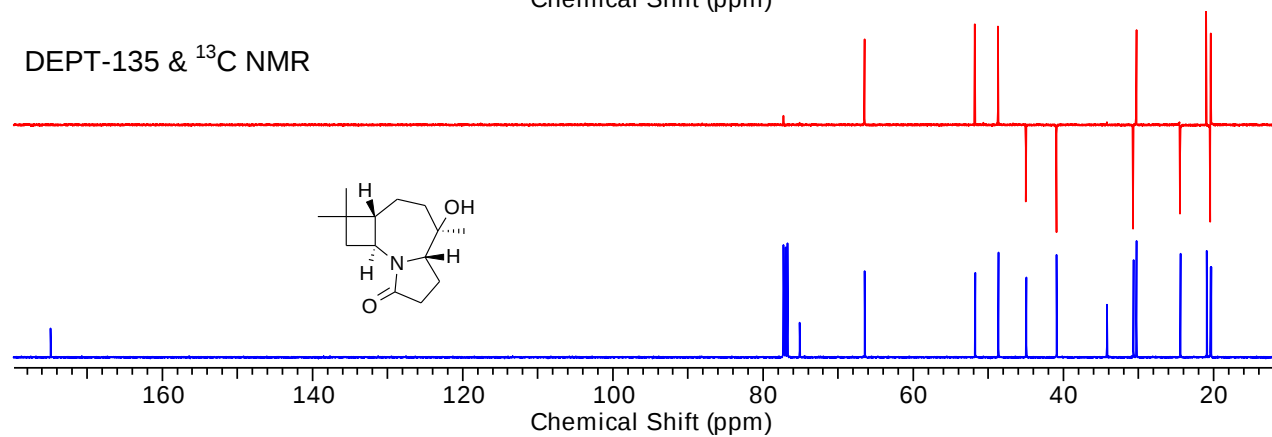
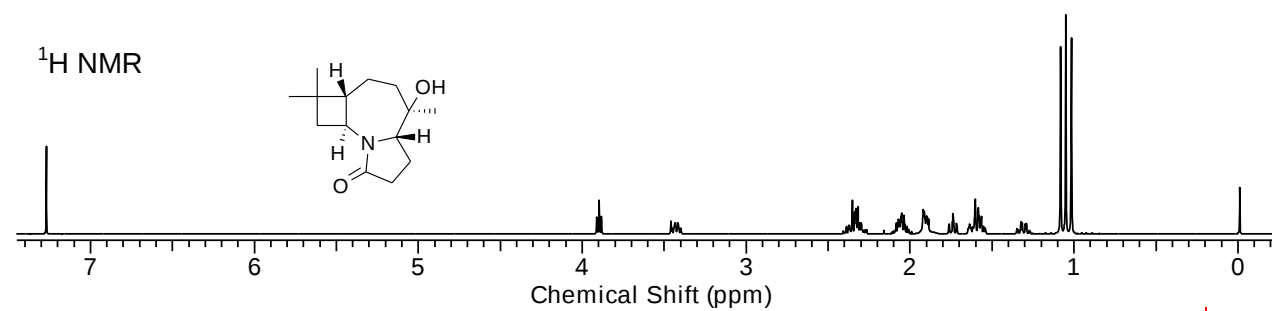


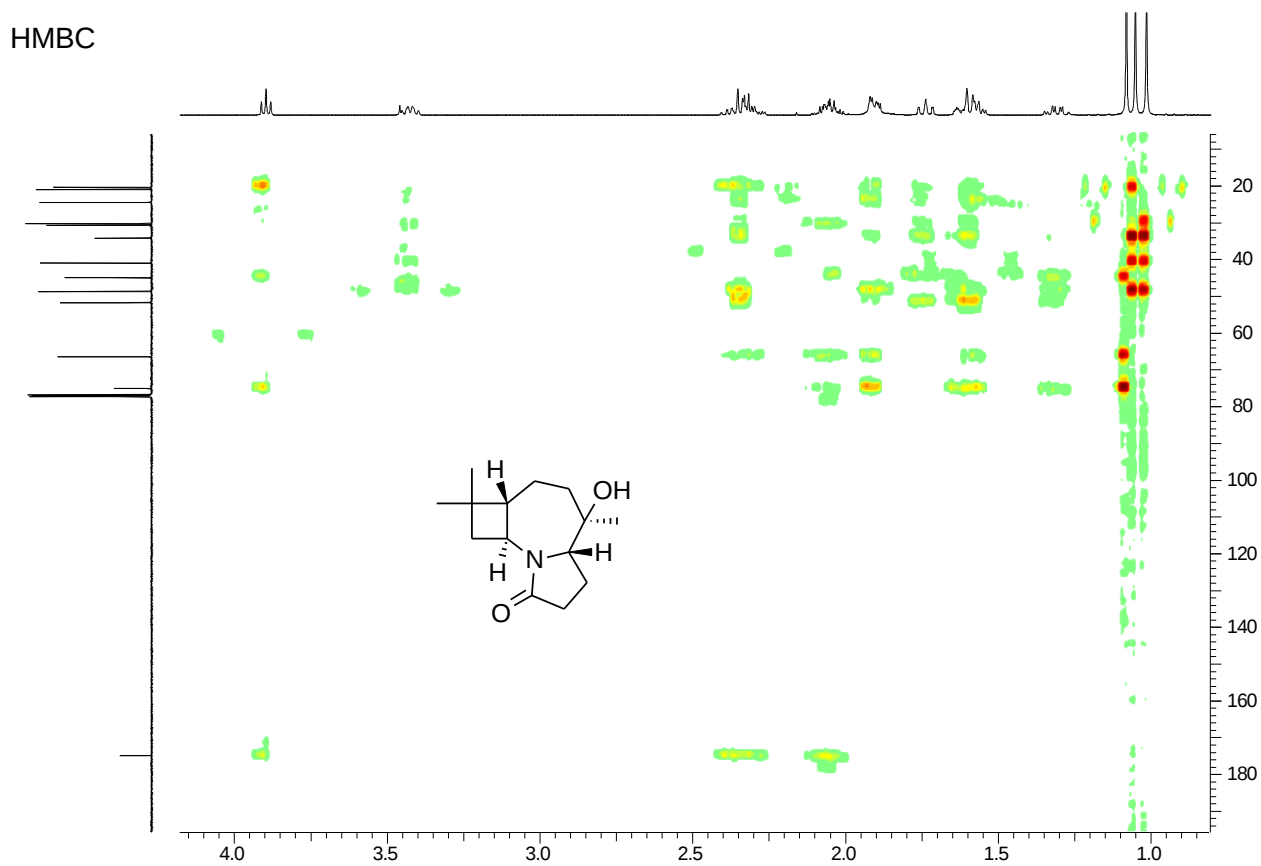
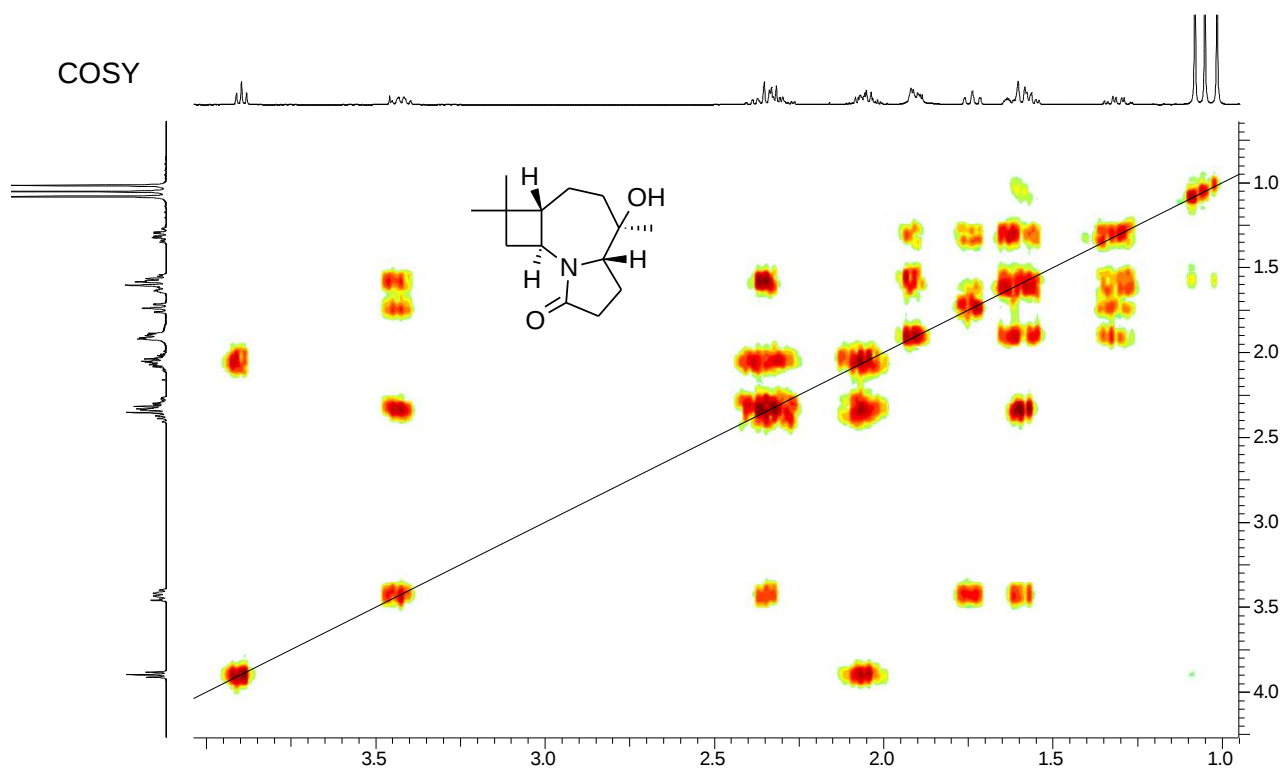
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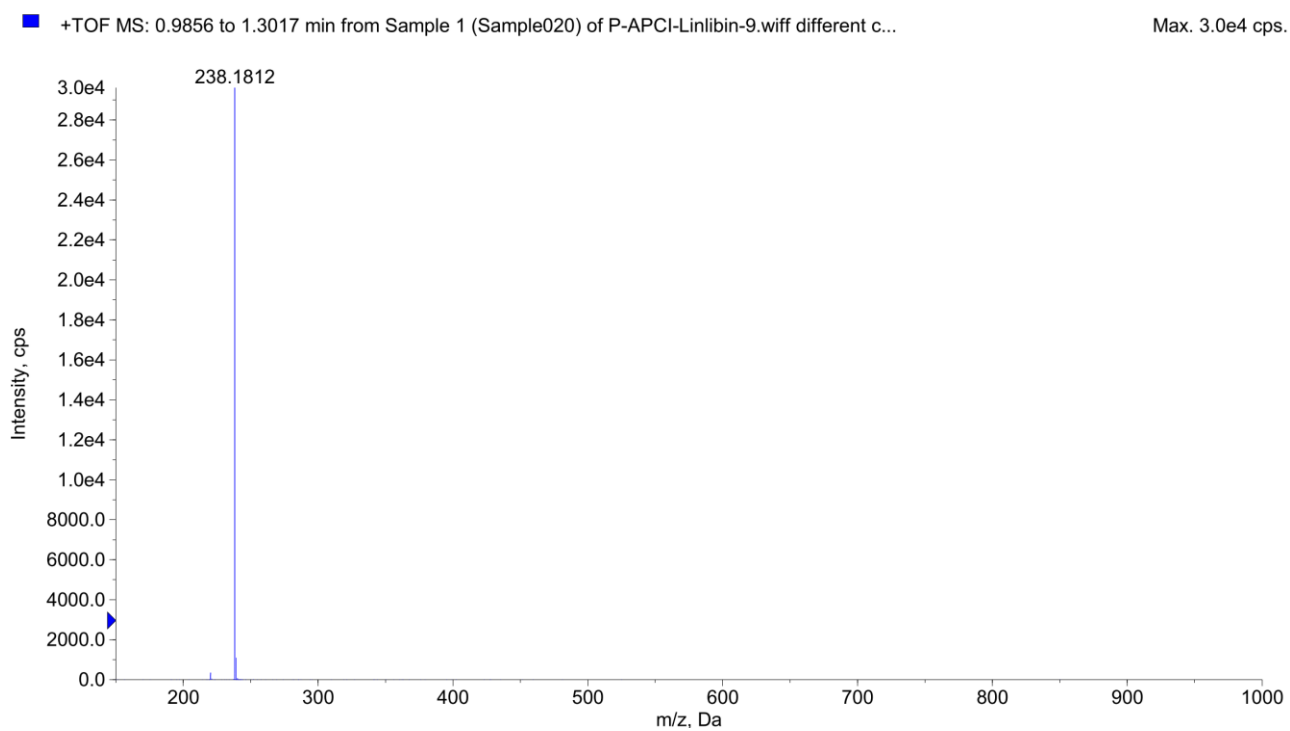
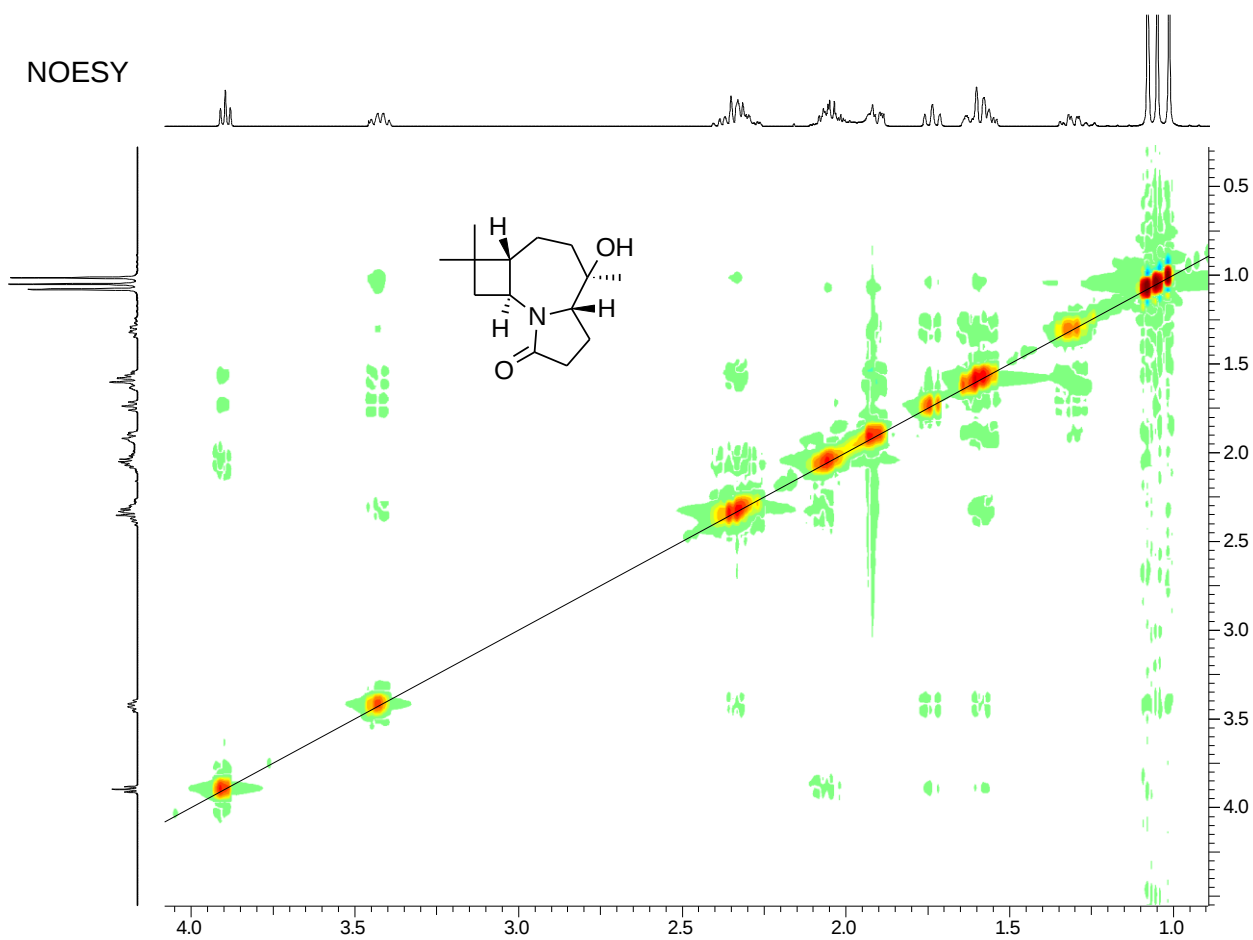




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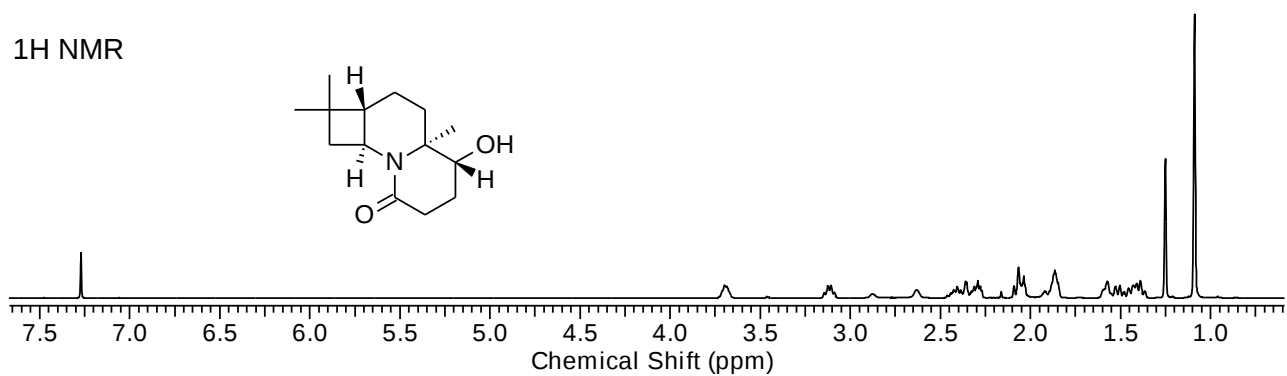




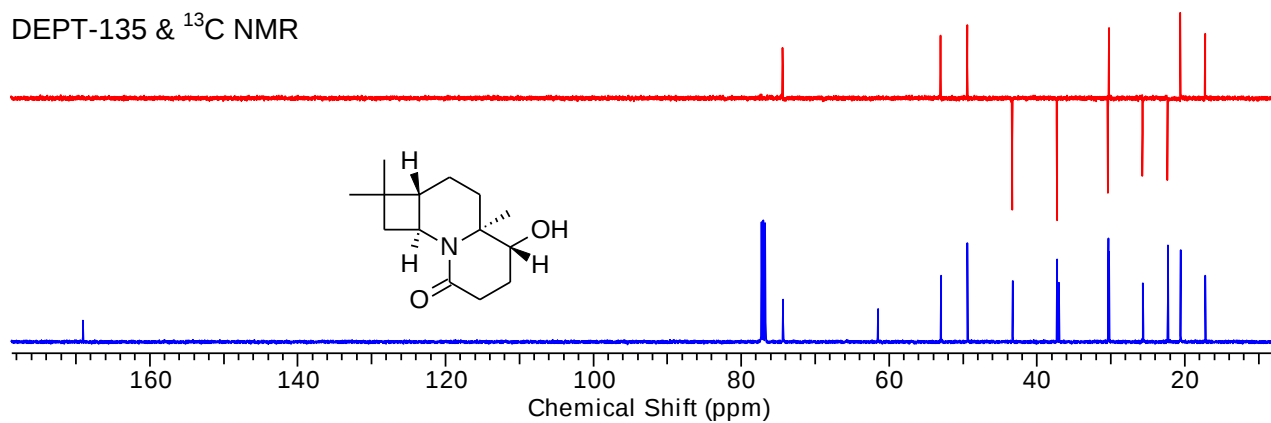


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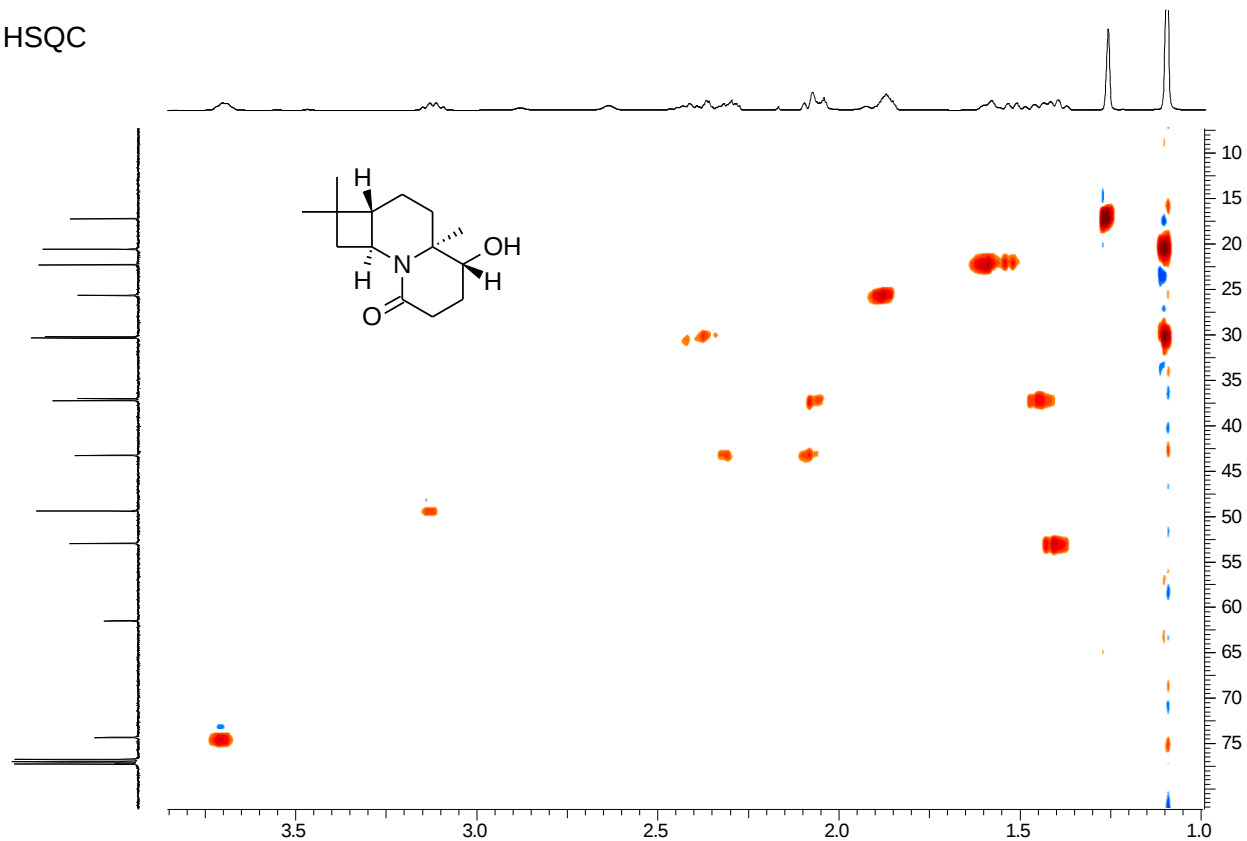
¹H NMR

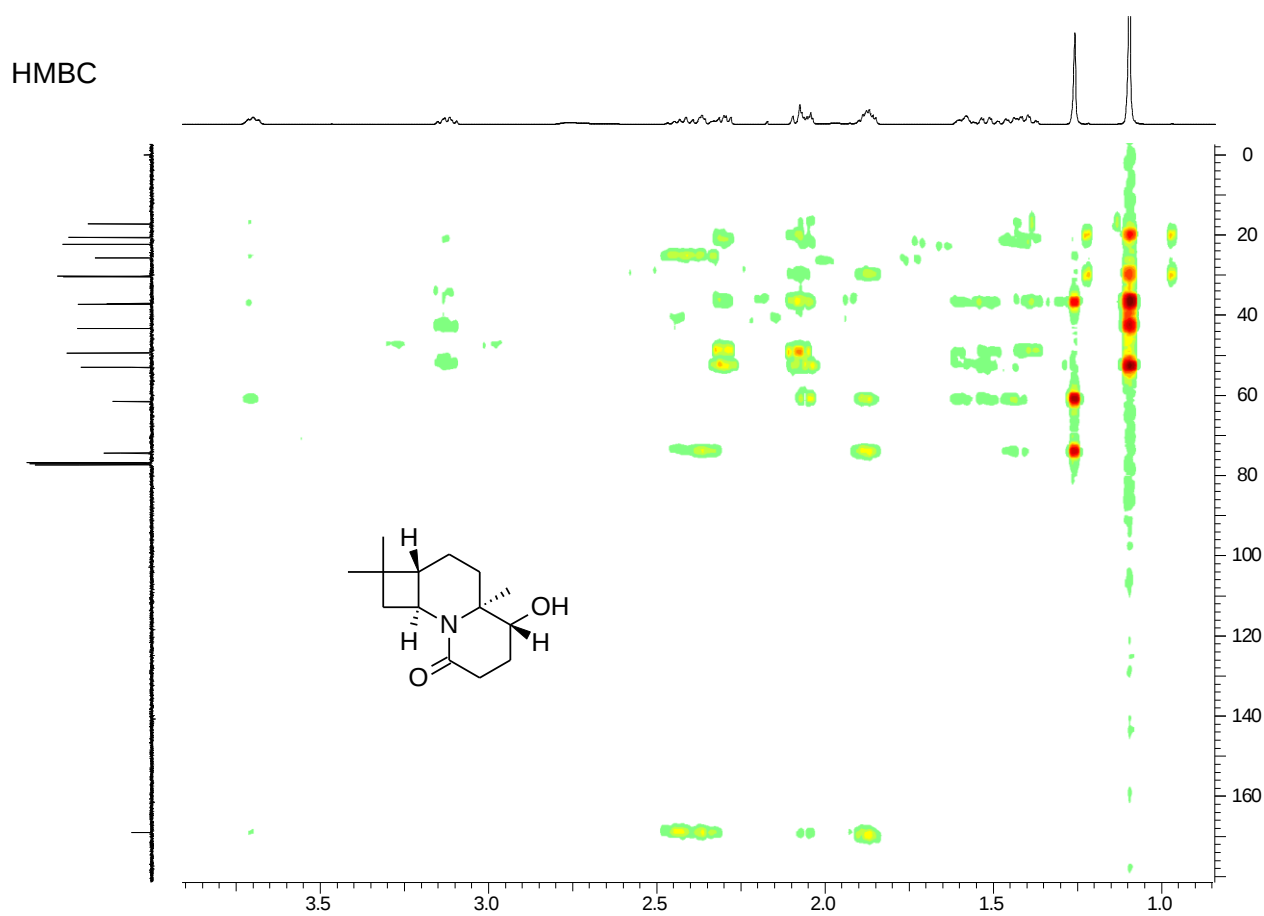
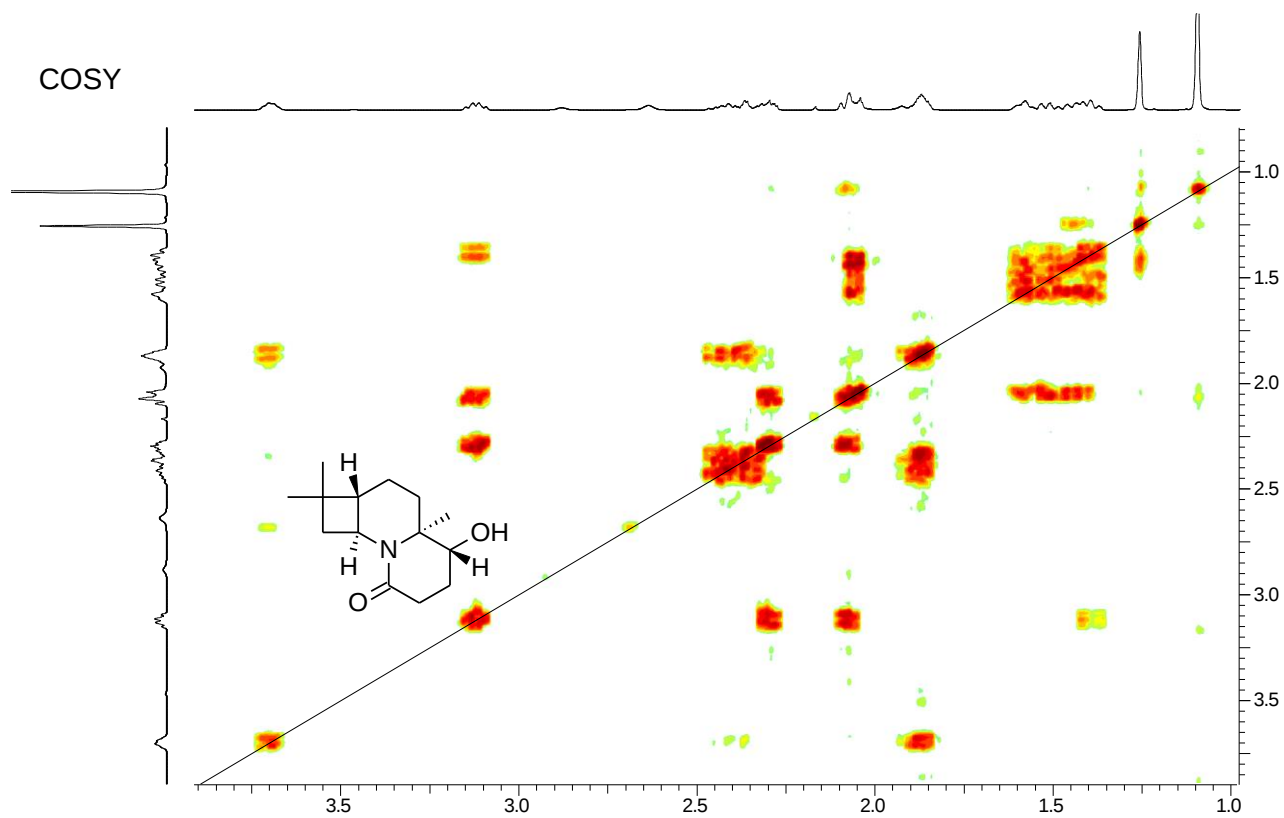


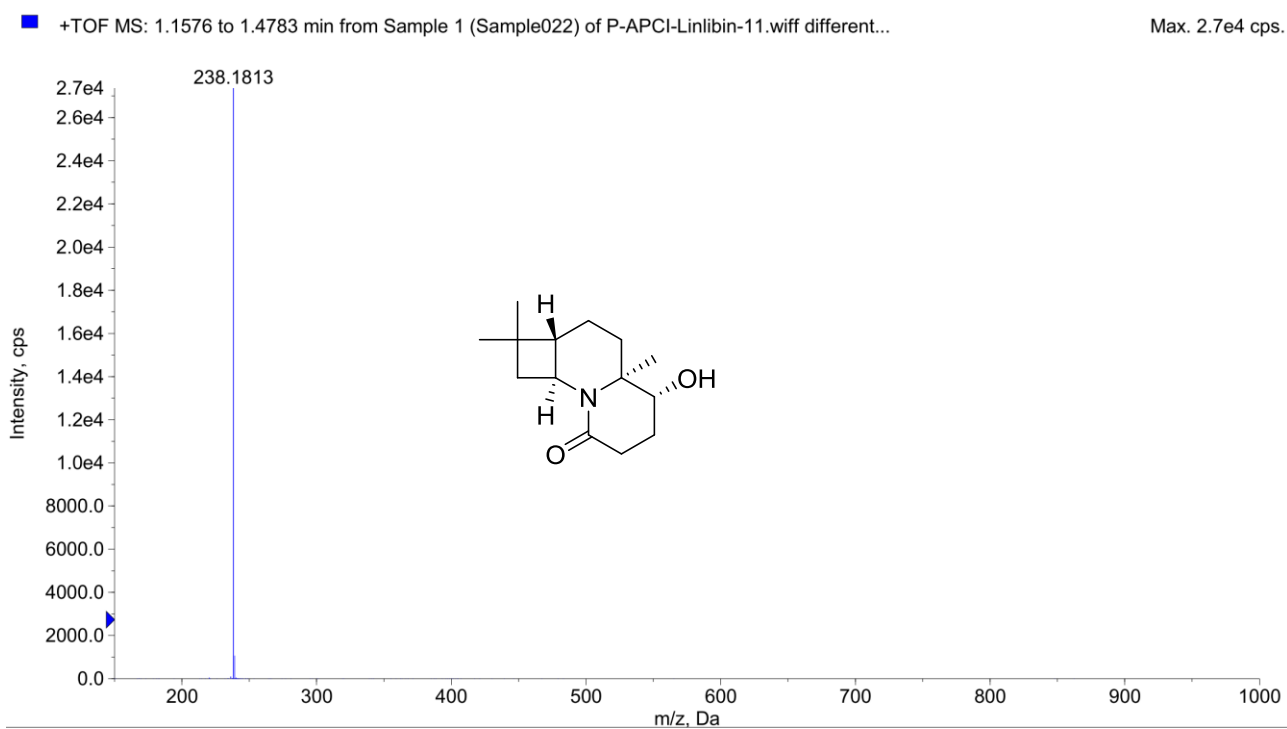
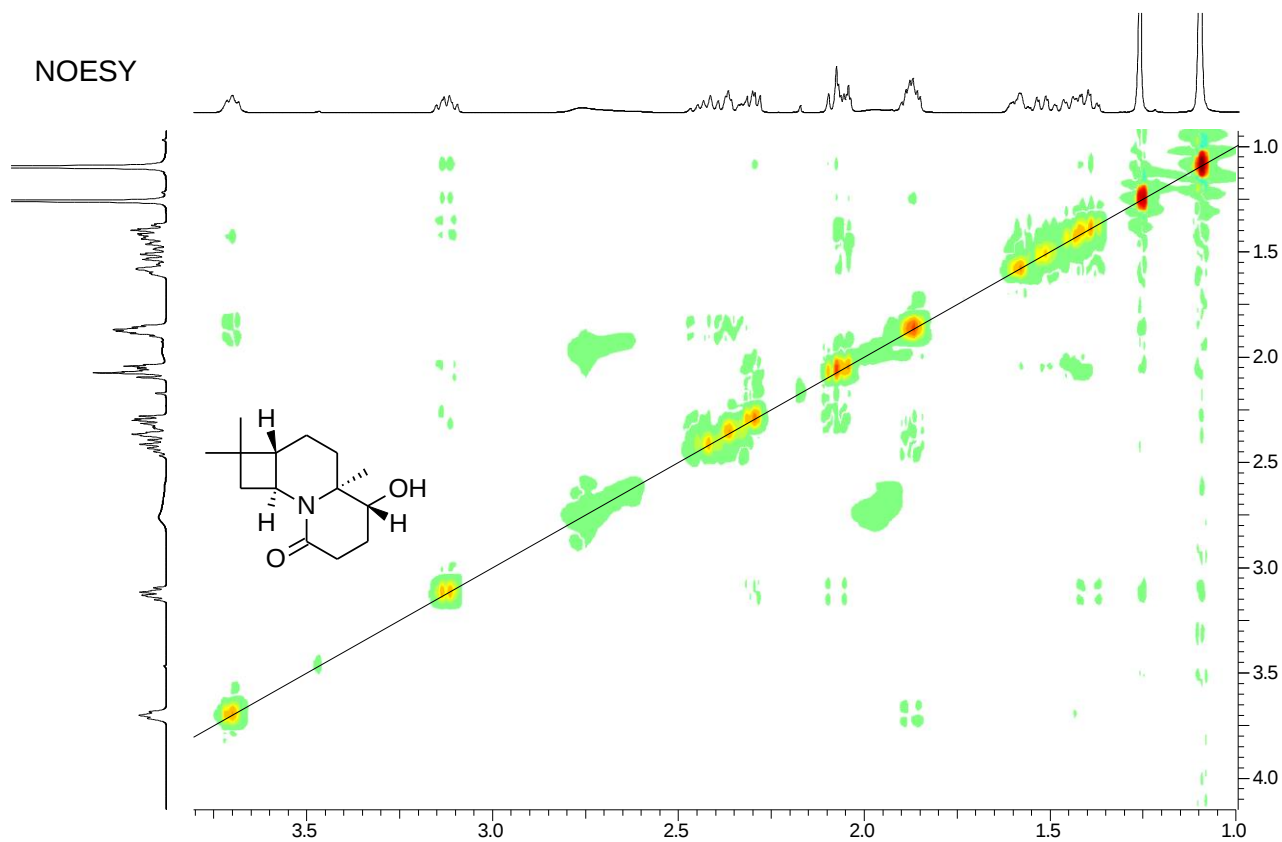
DEPT-135 & ¹³C NMR



HSQC

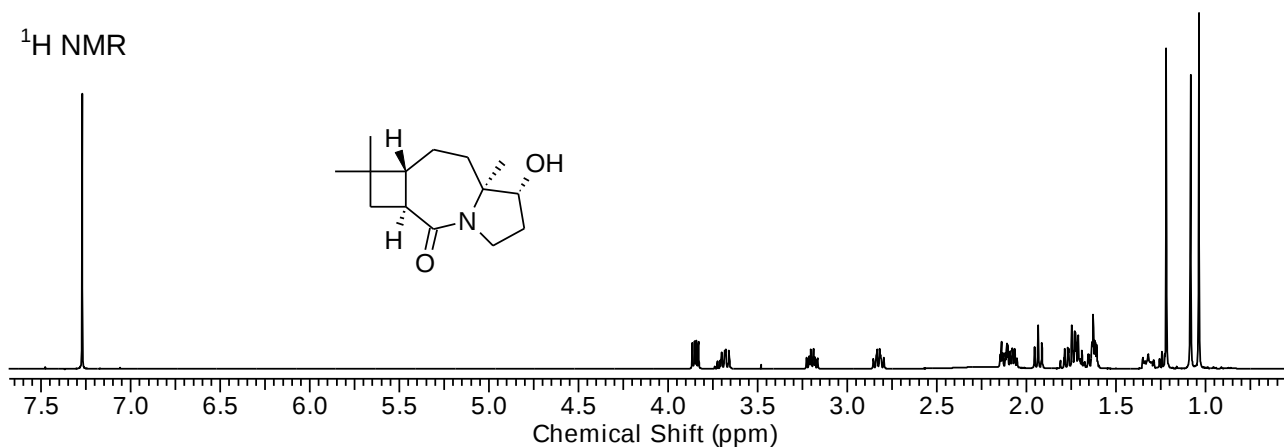




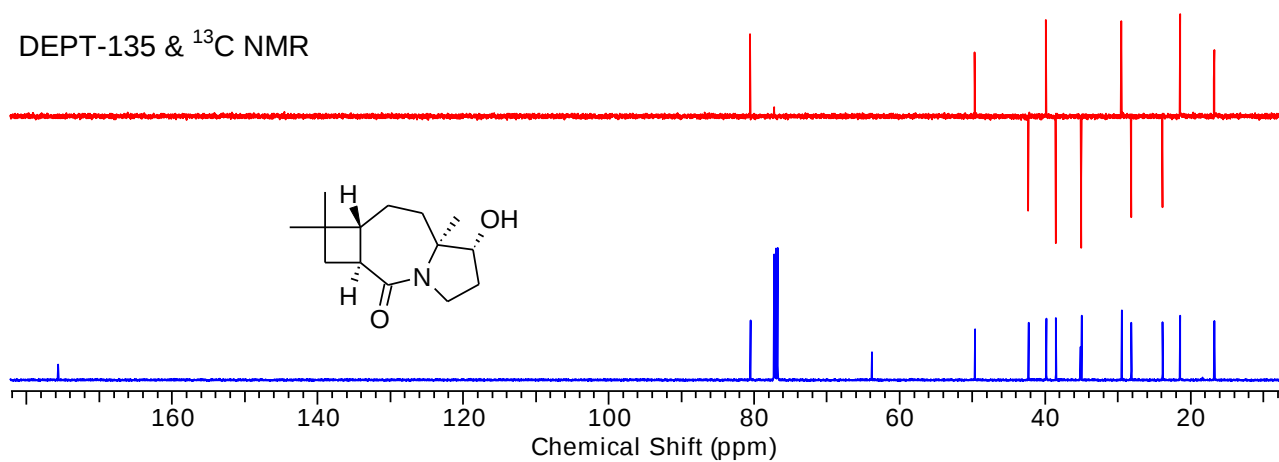


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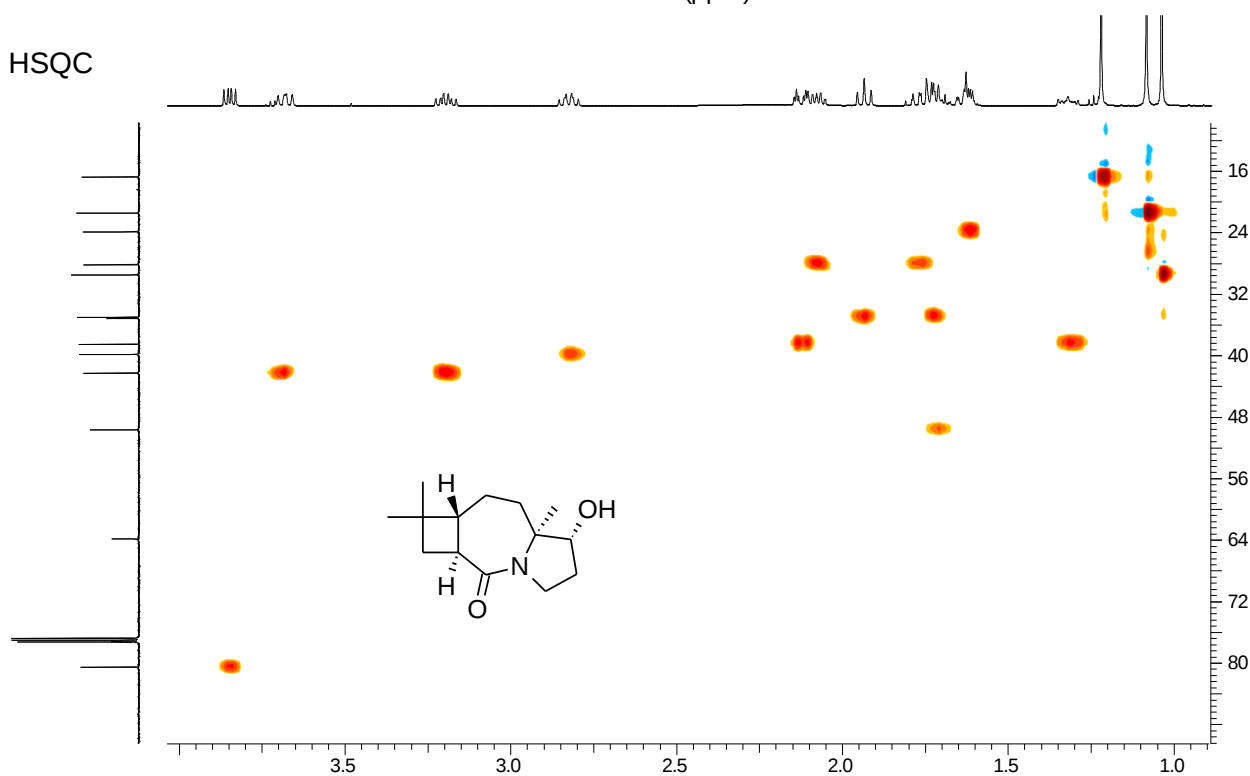
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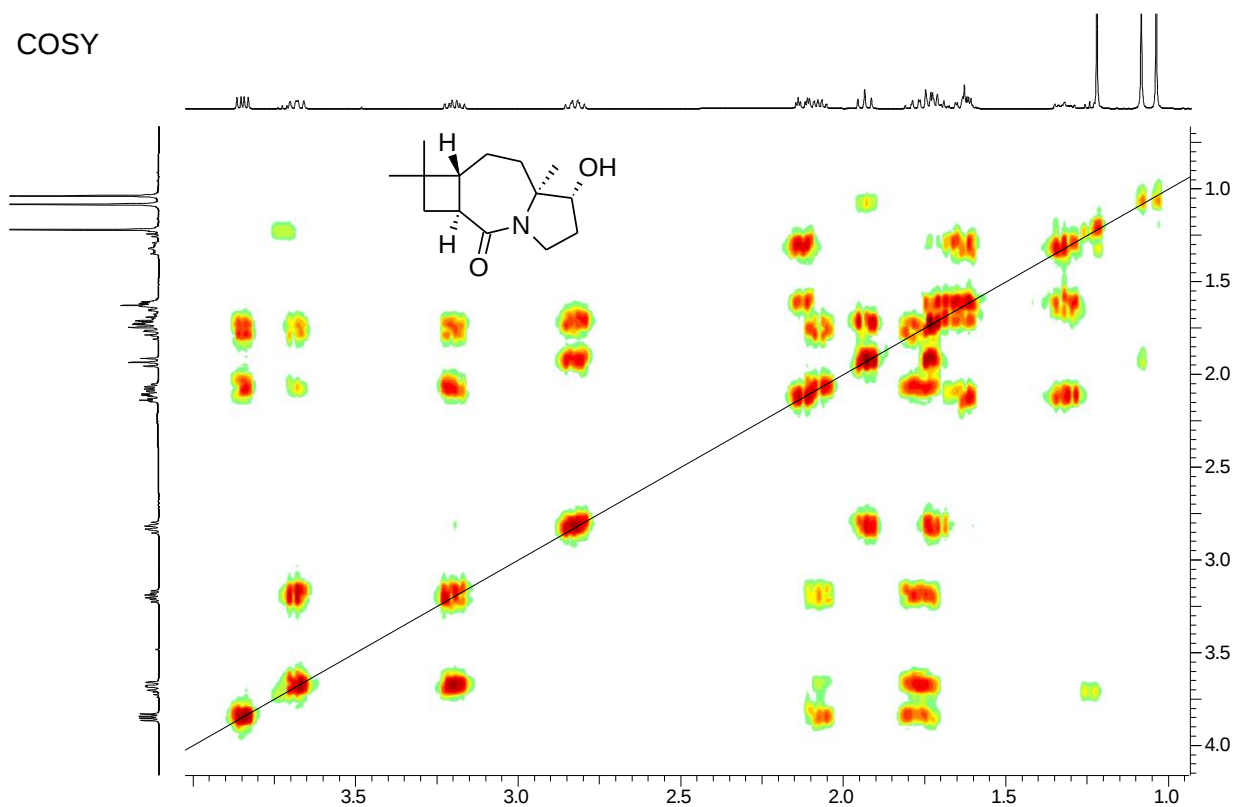
DEPT-135 & ^{13}C NMR



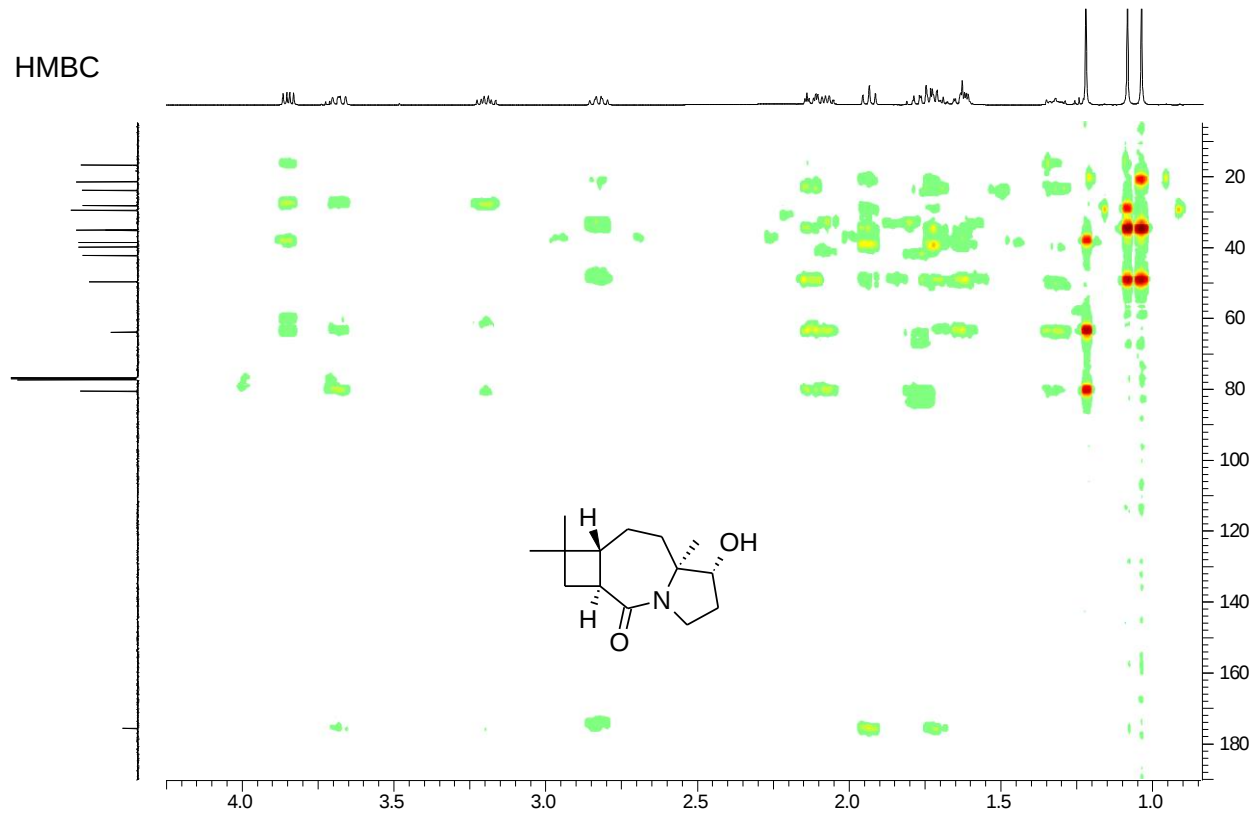
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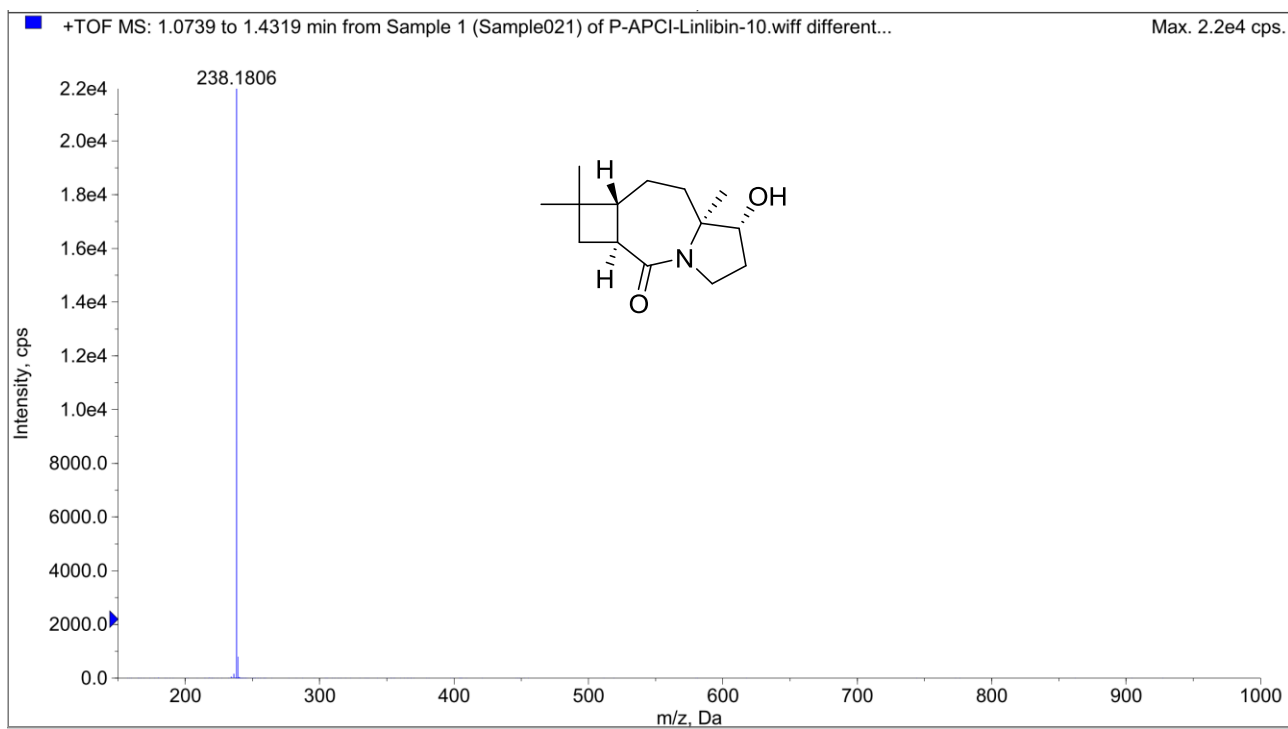
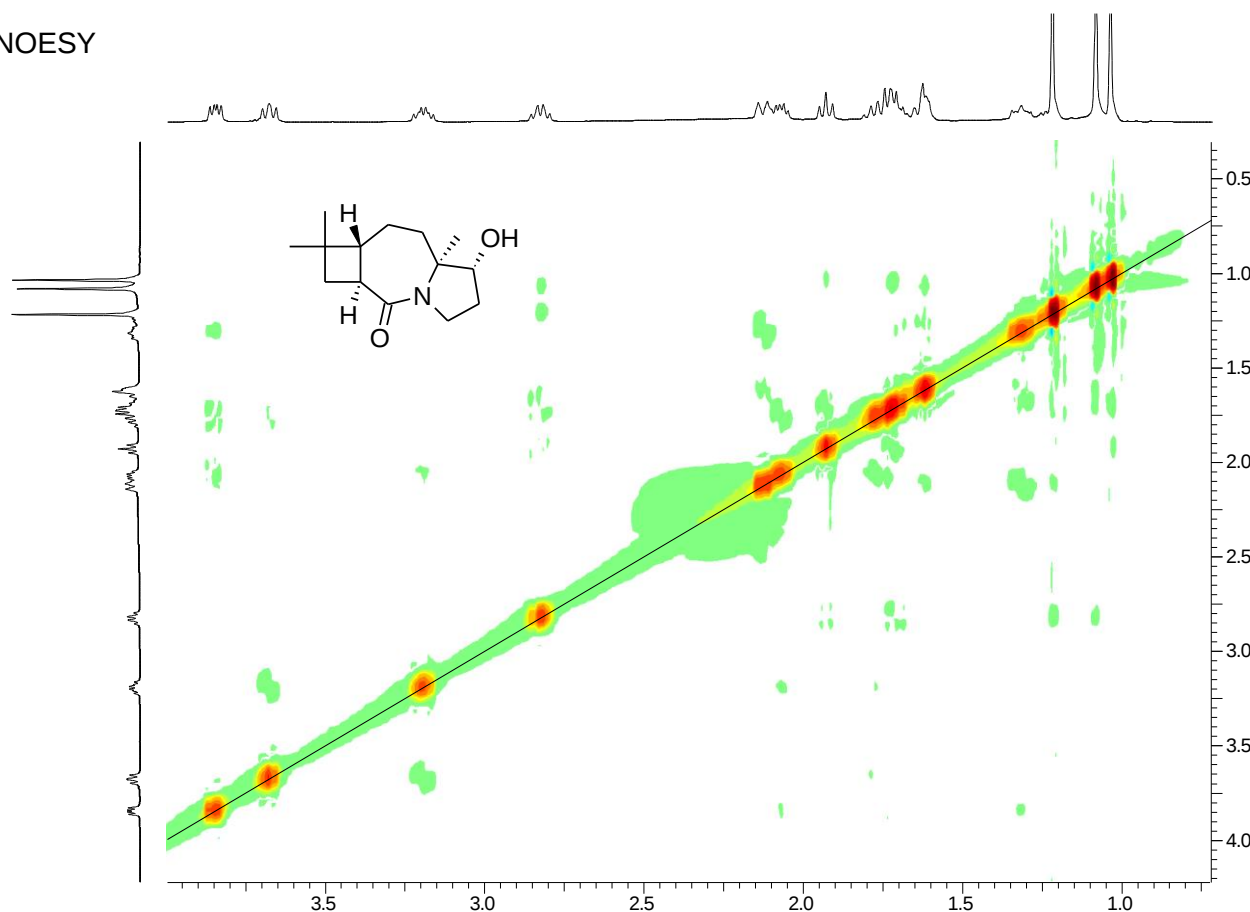
COSY



HMBC

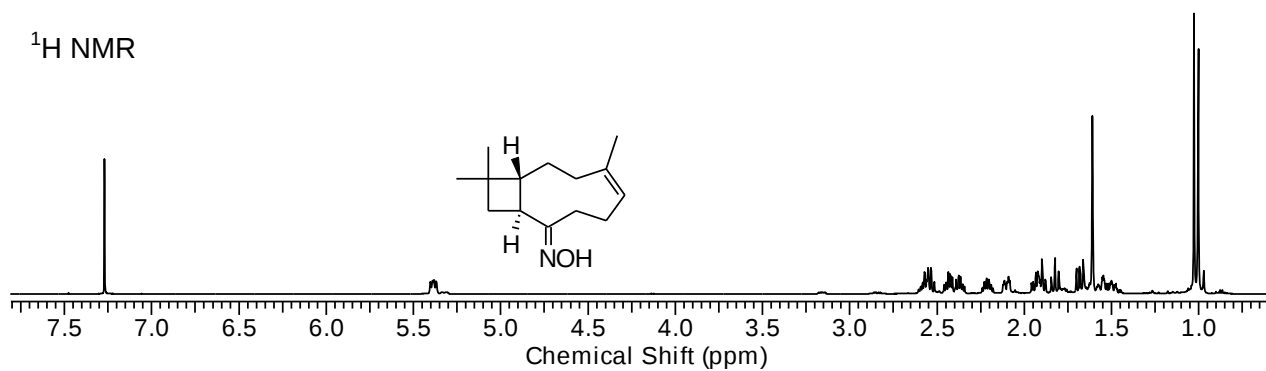


NOESY

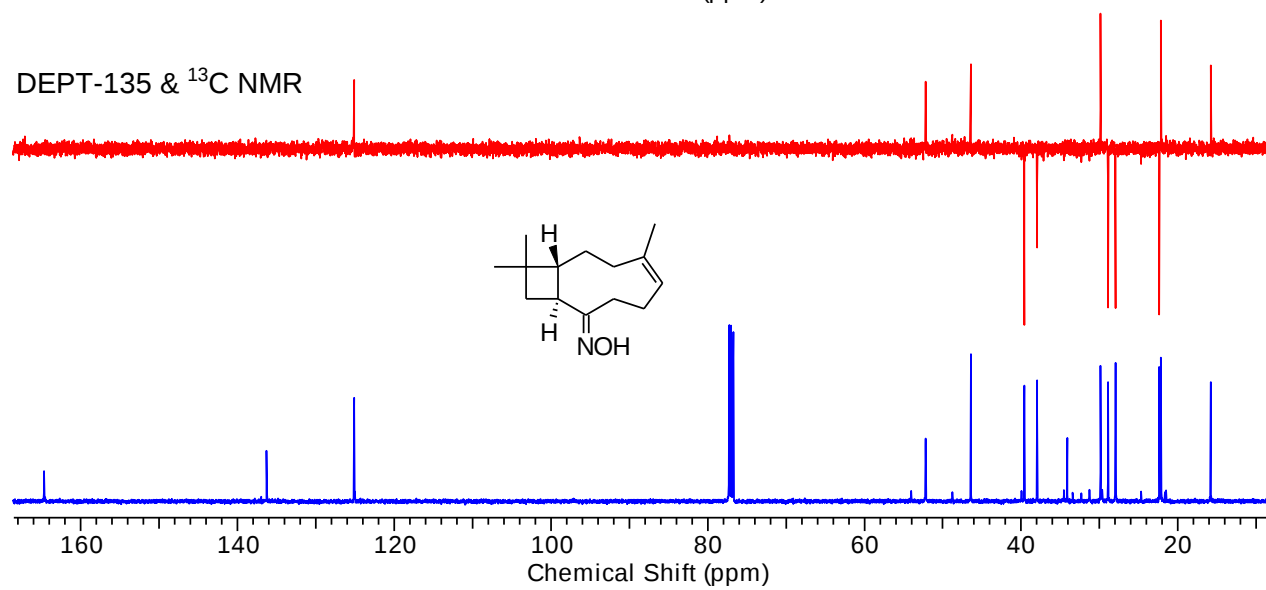


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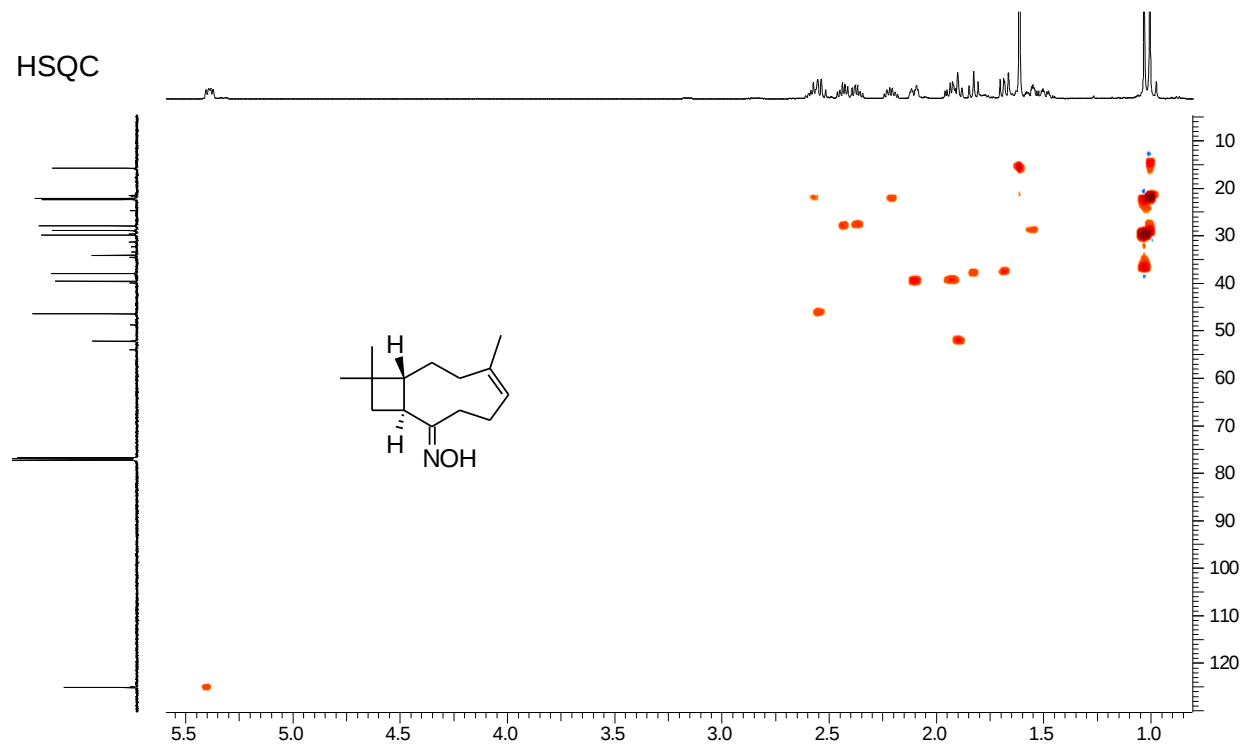
^1H NMR



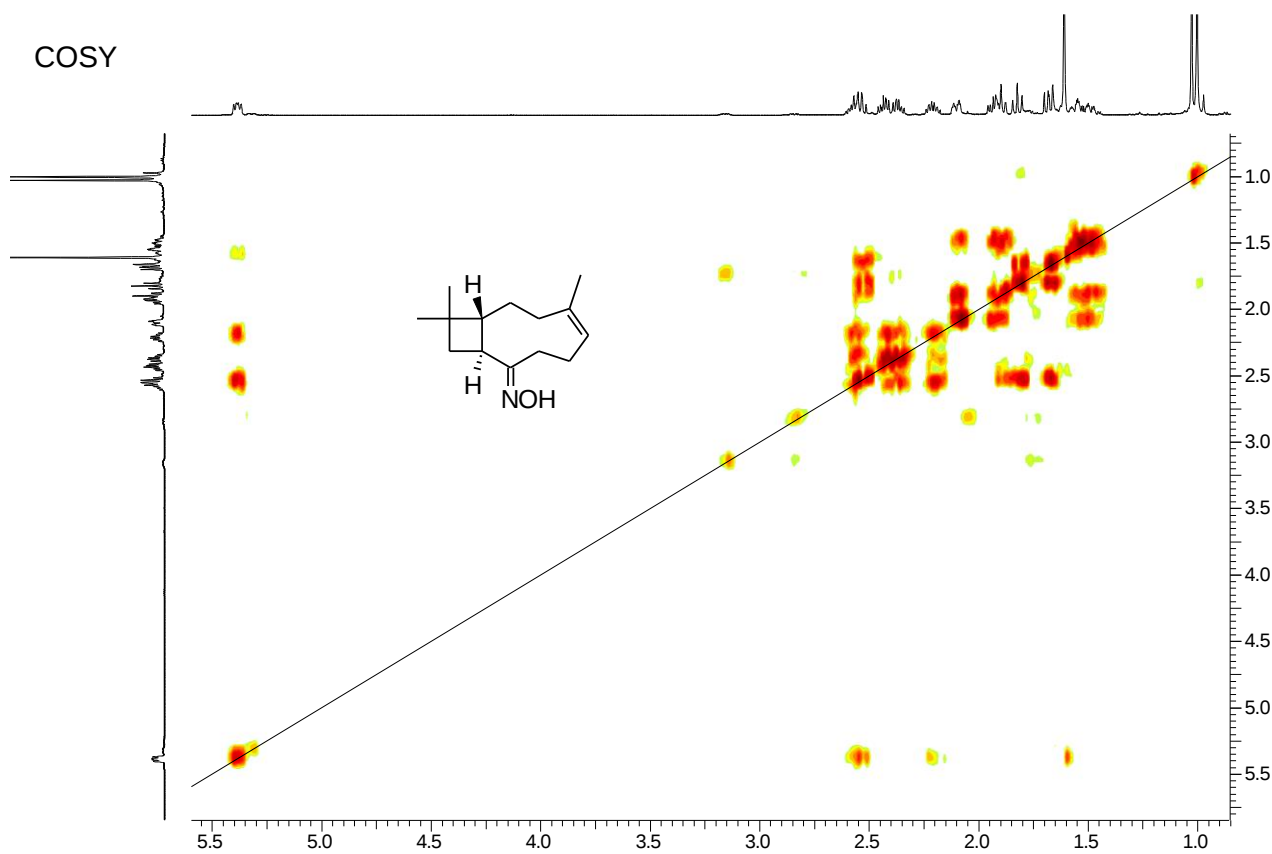
DEPT-135 & ^{13}C NMR



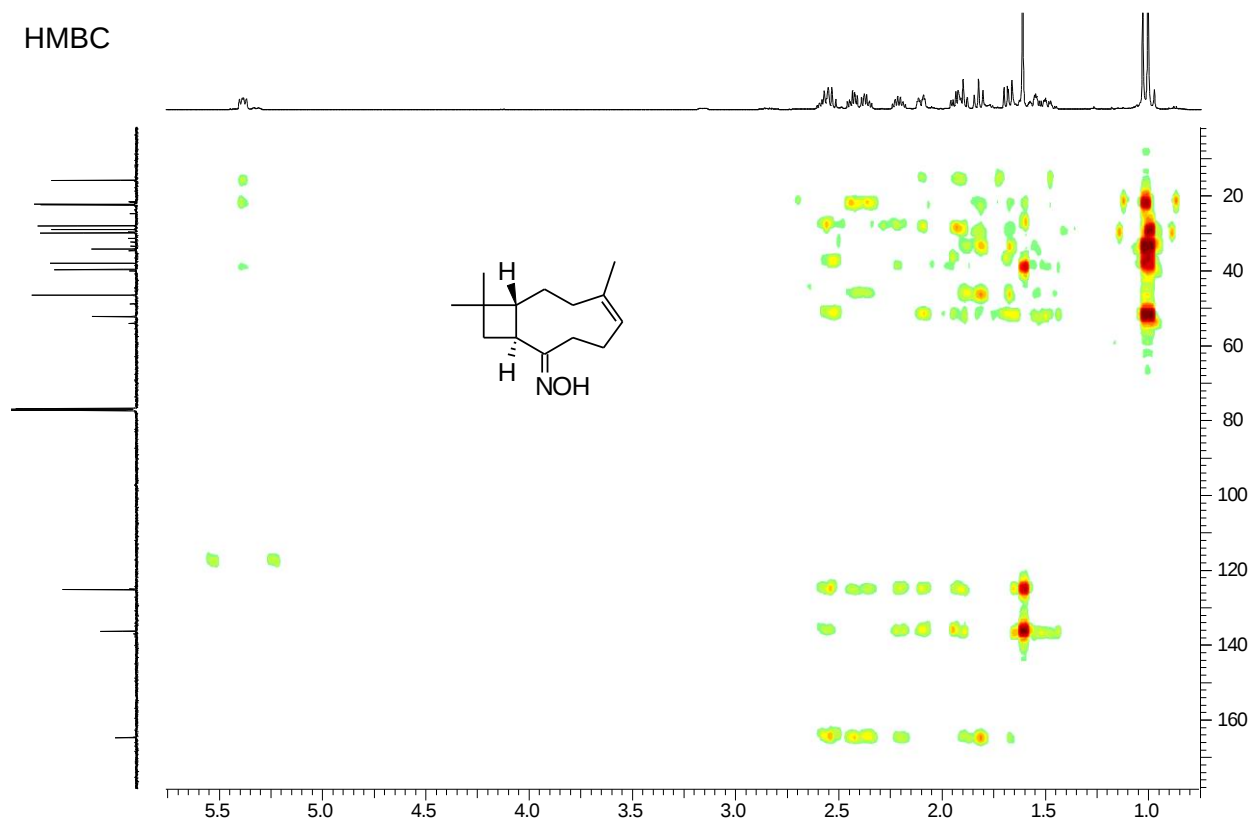
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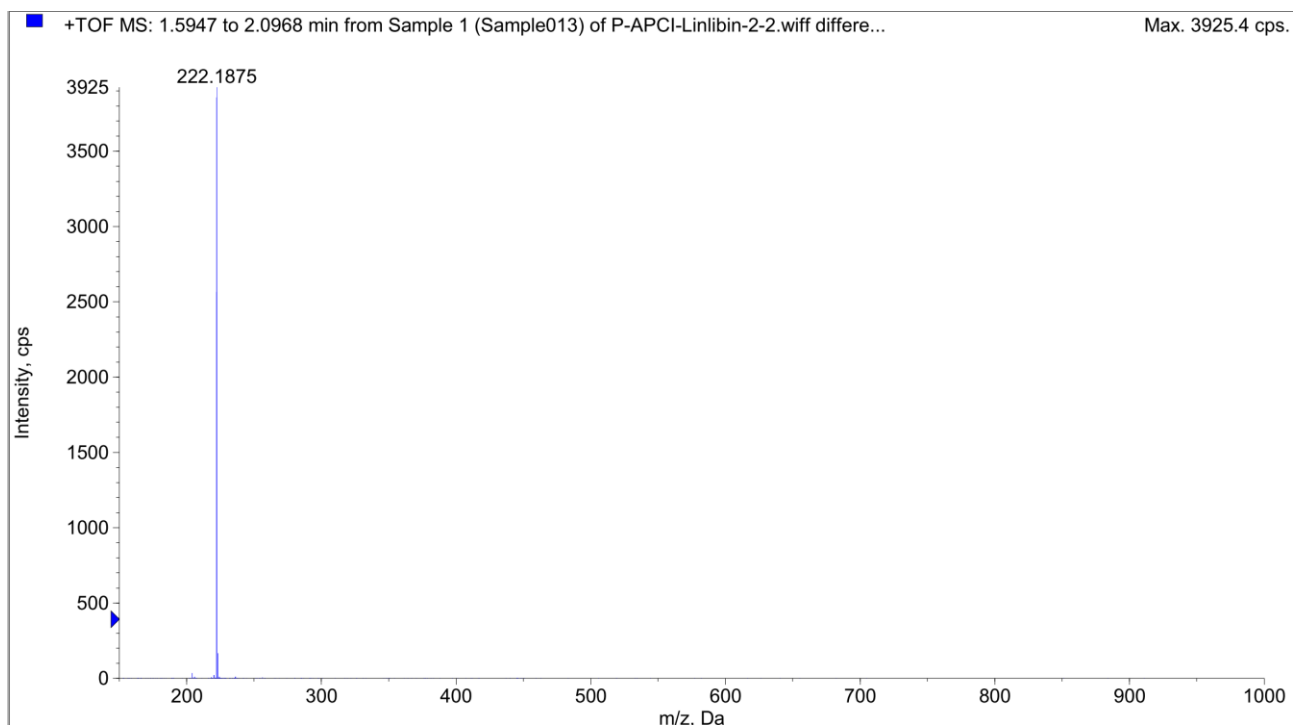
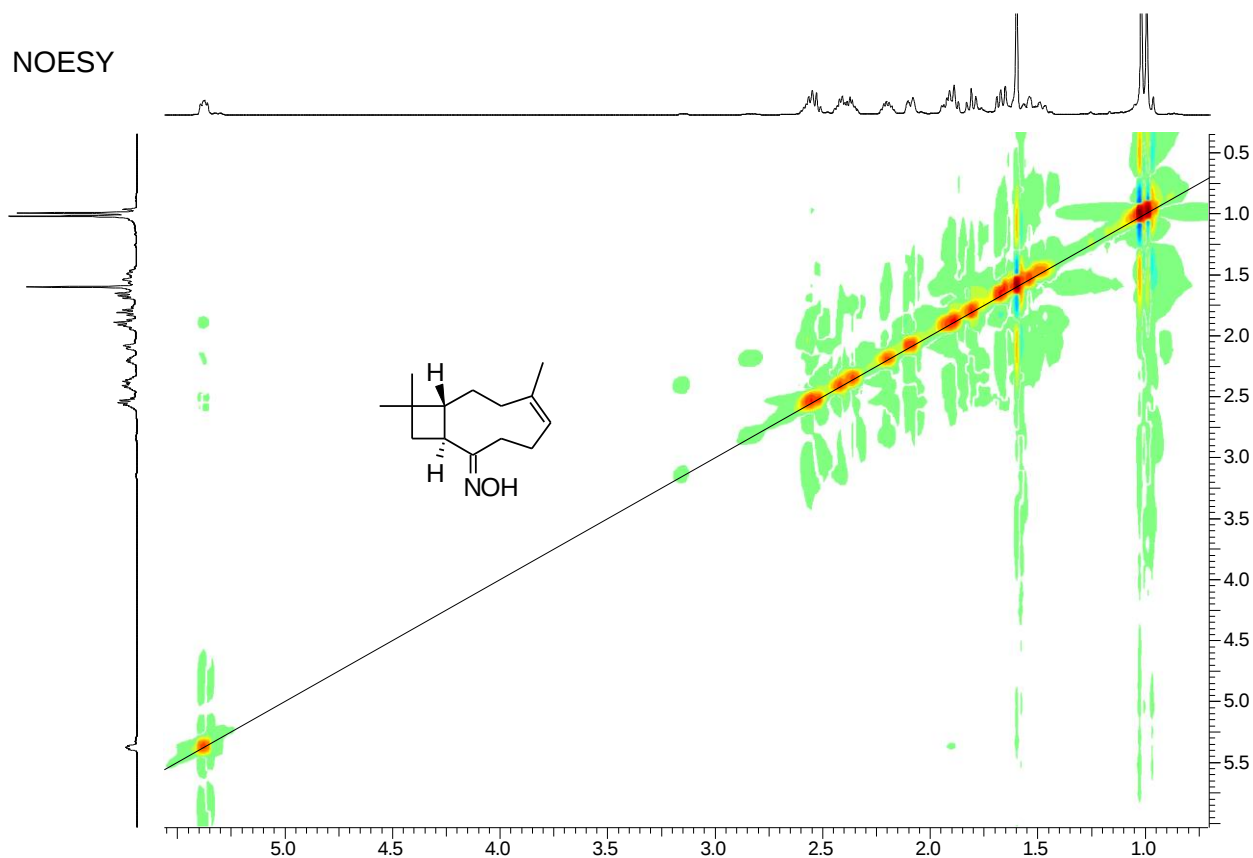


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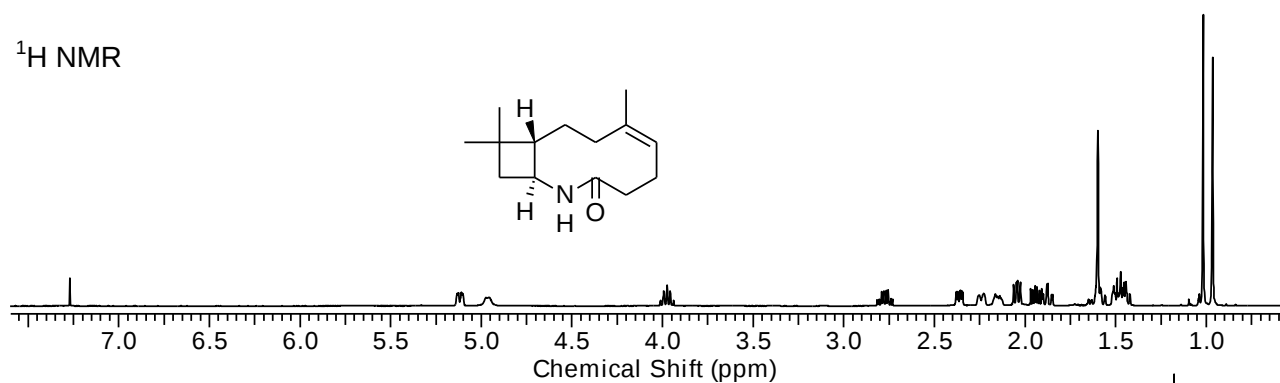
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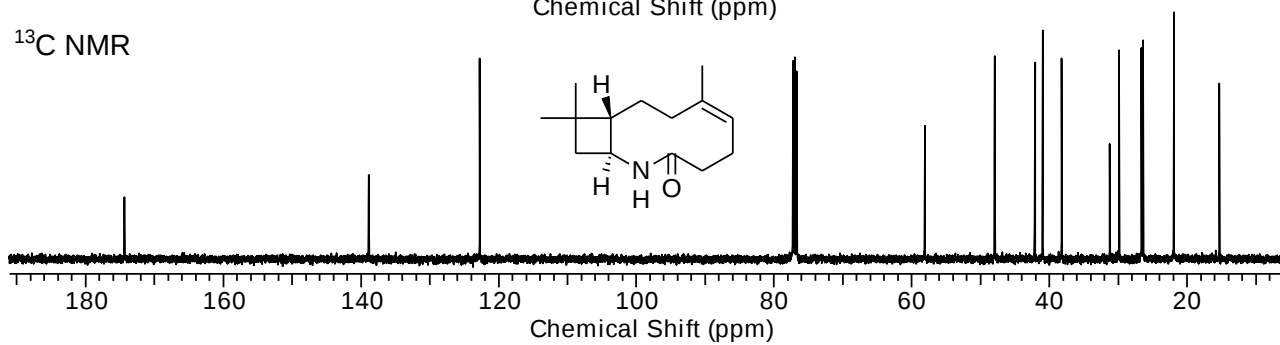


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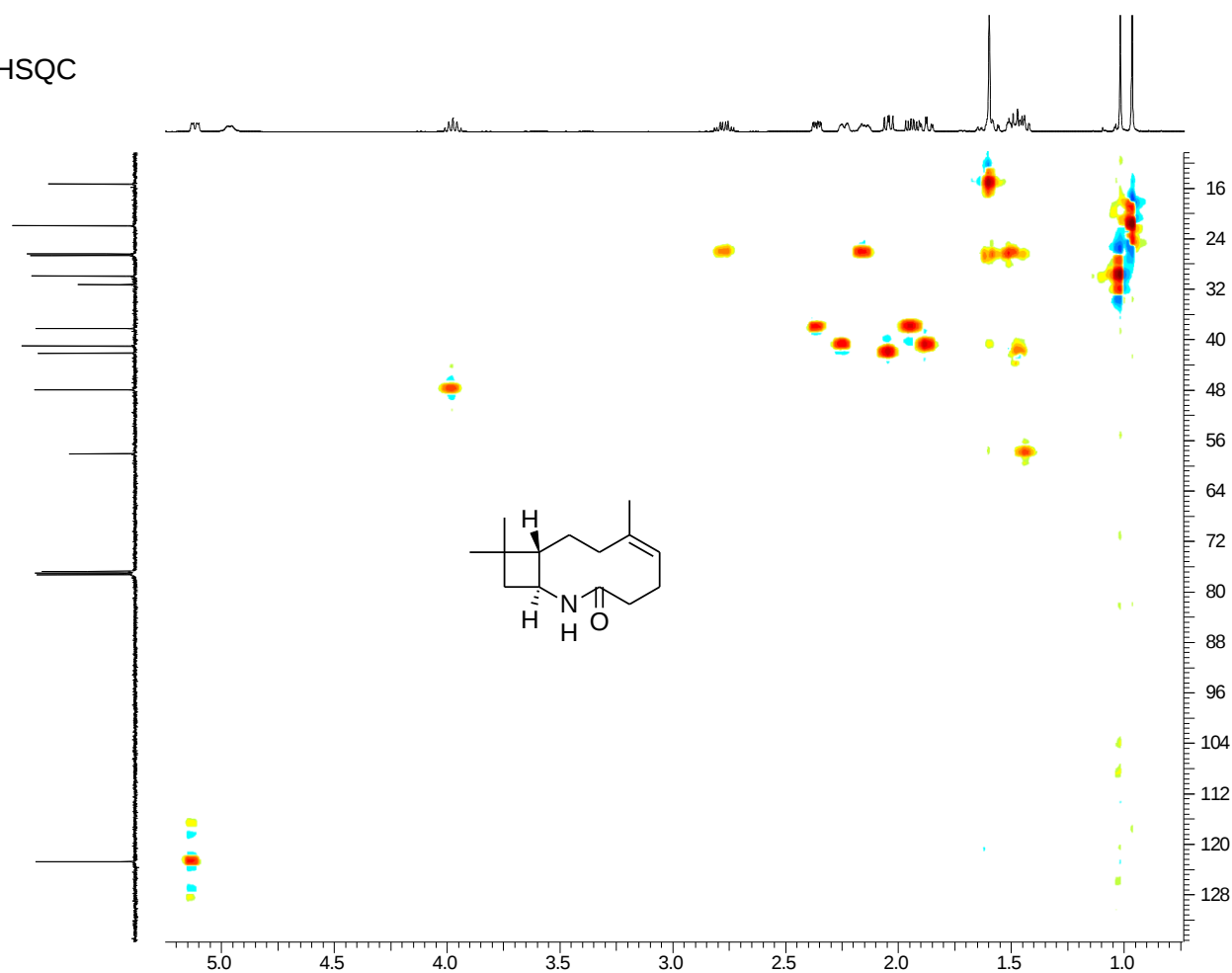
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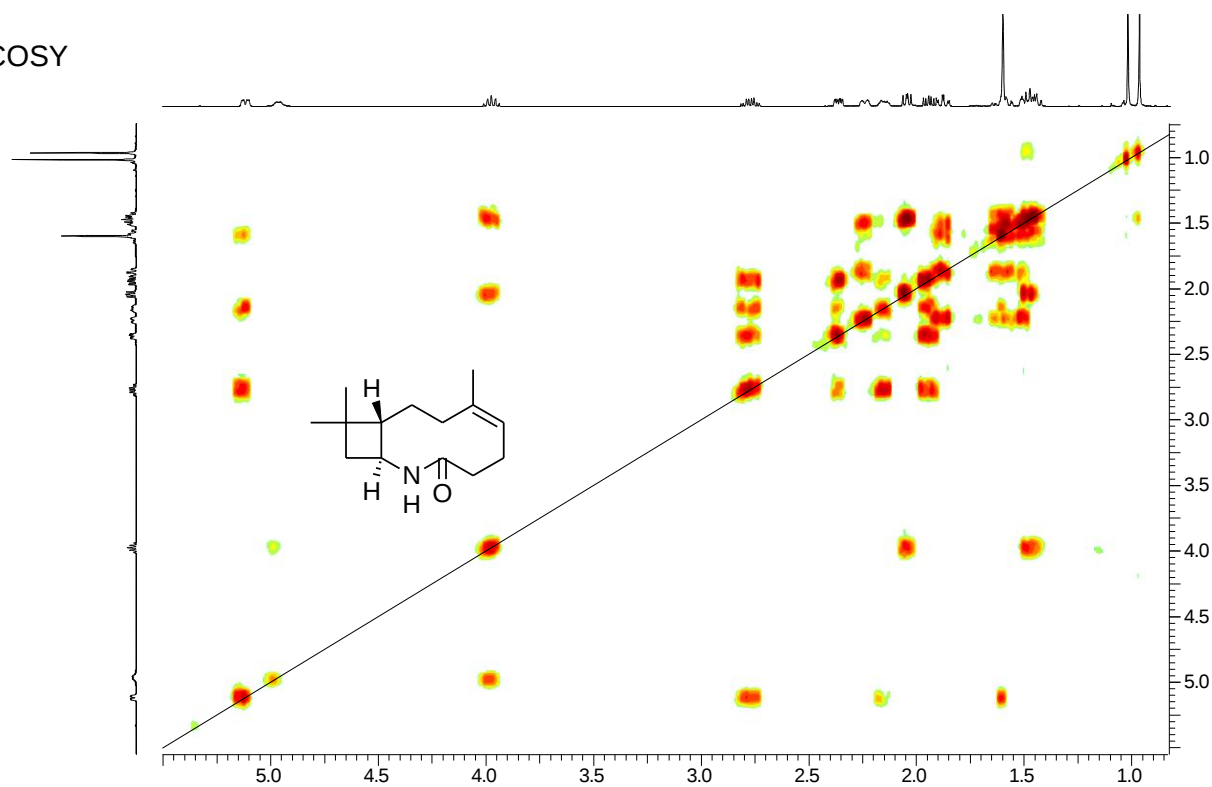
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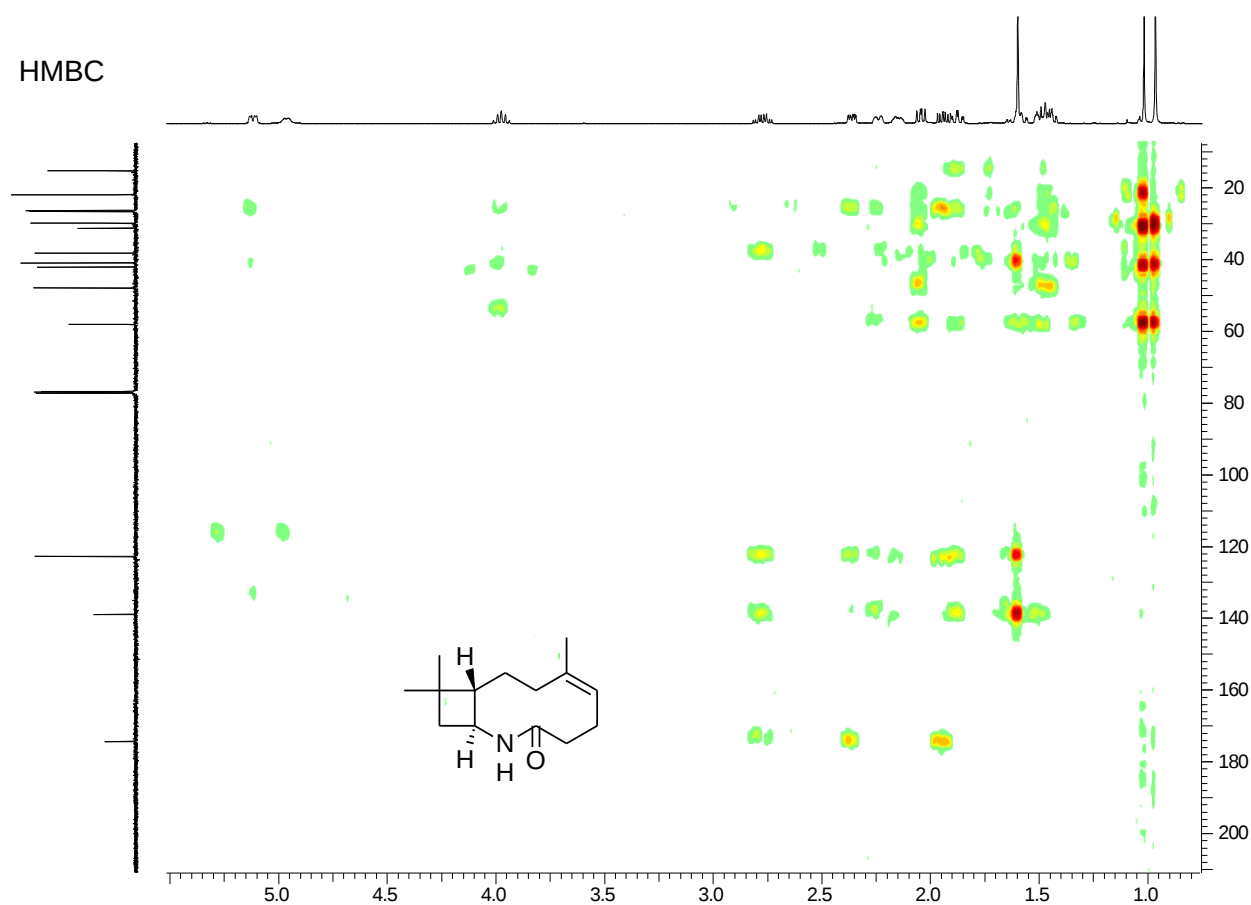
HSQC



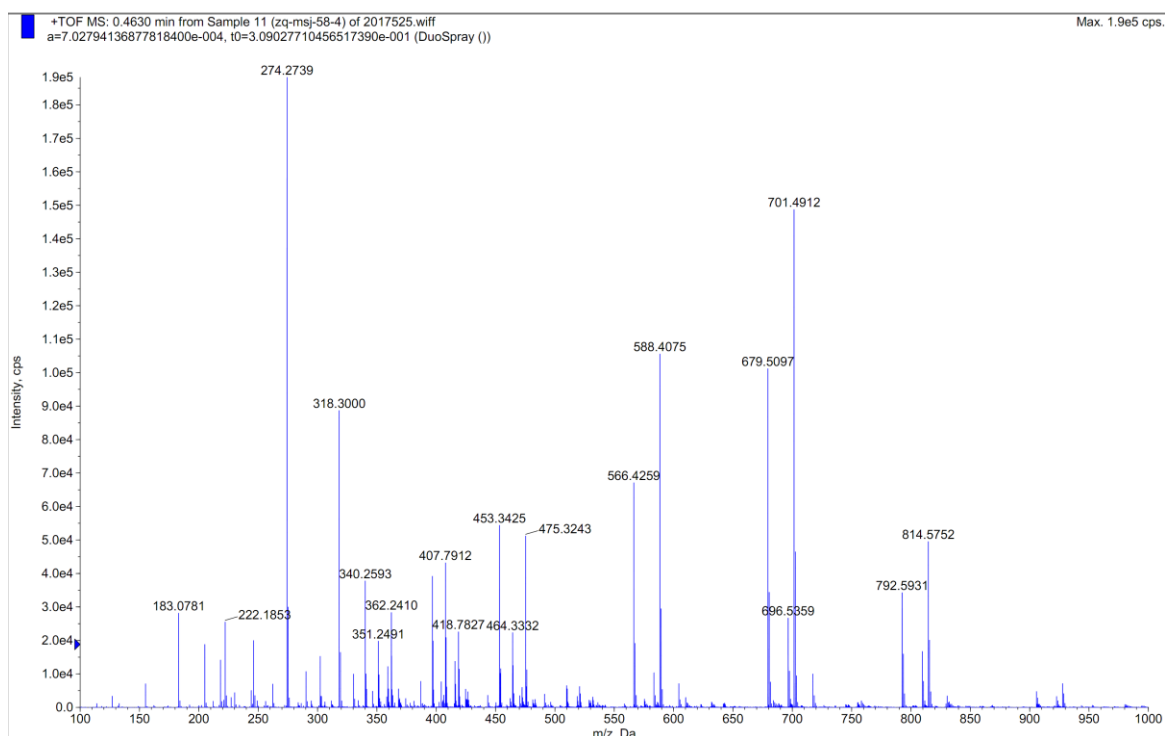
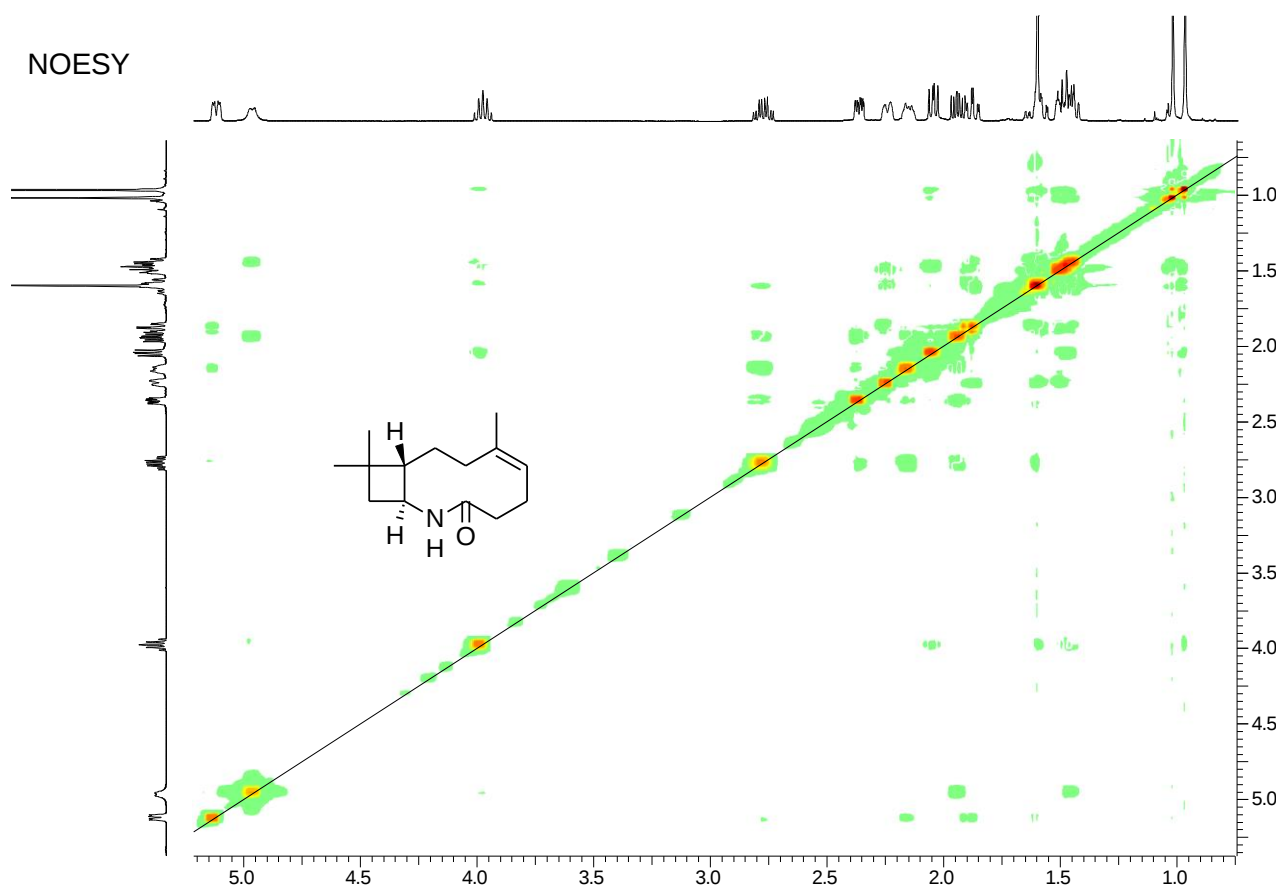
COSY



HMBC

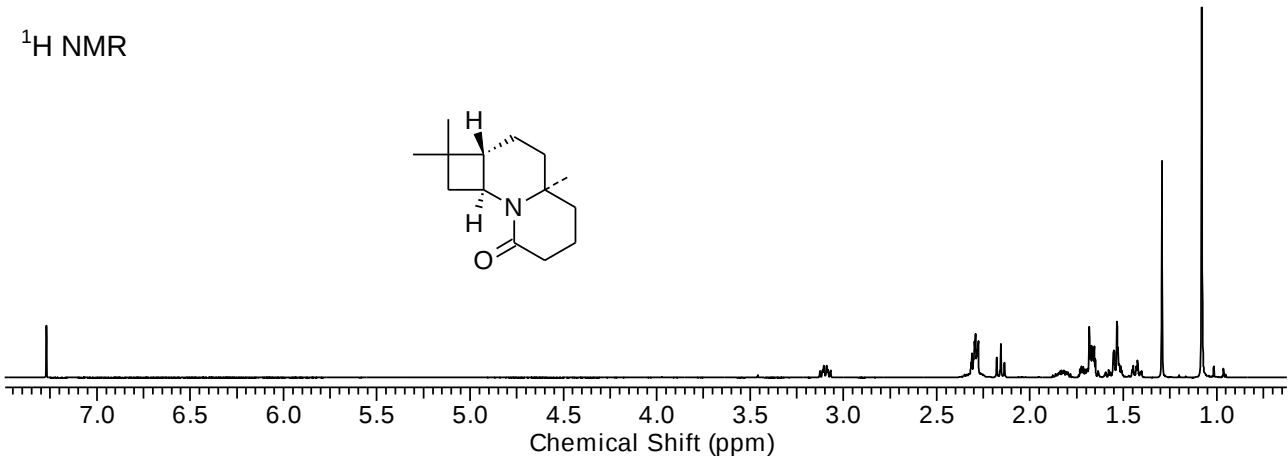


NOESY

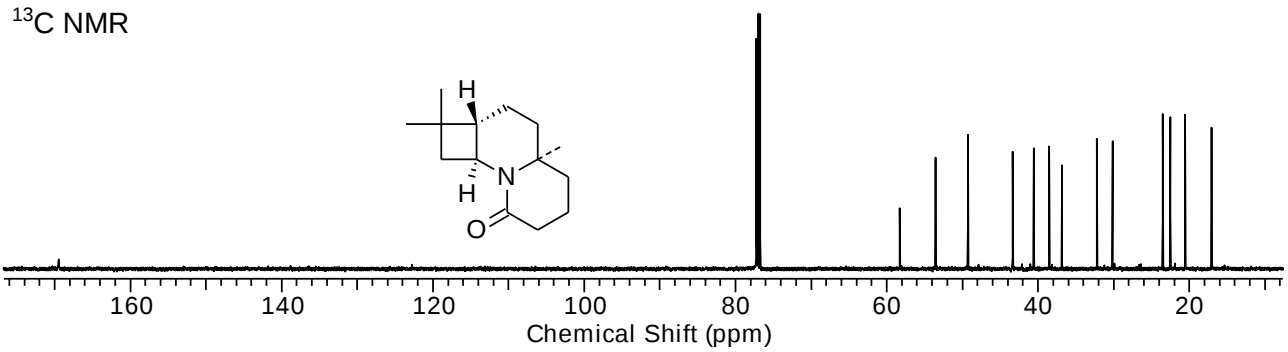


Compound 15

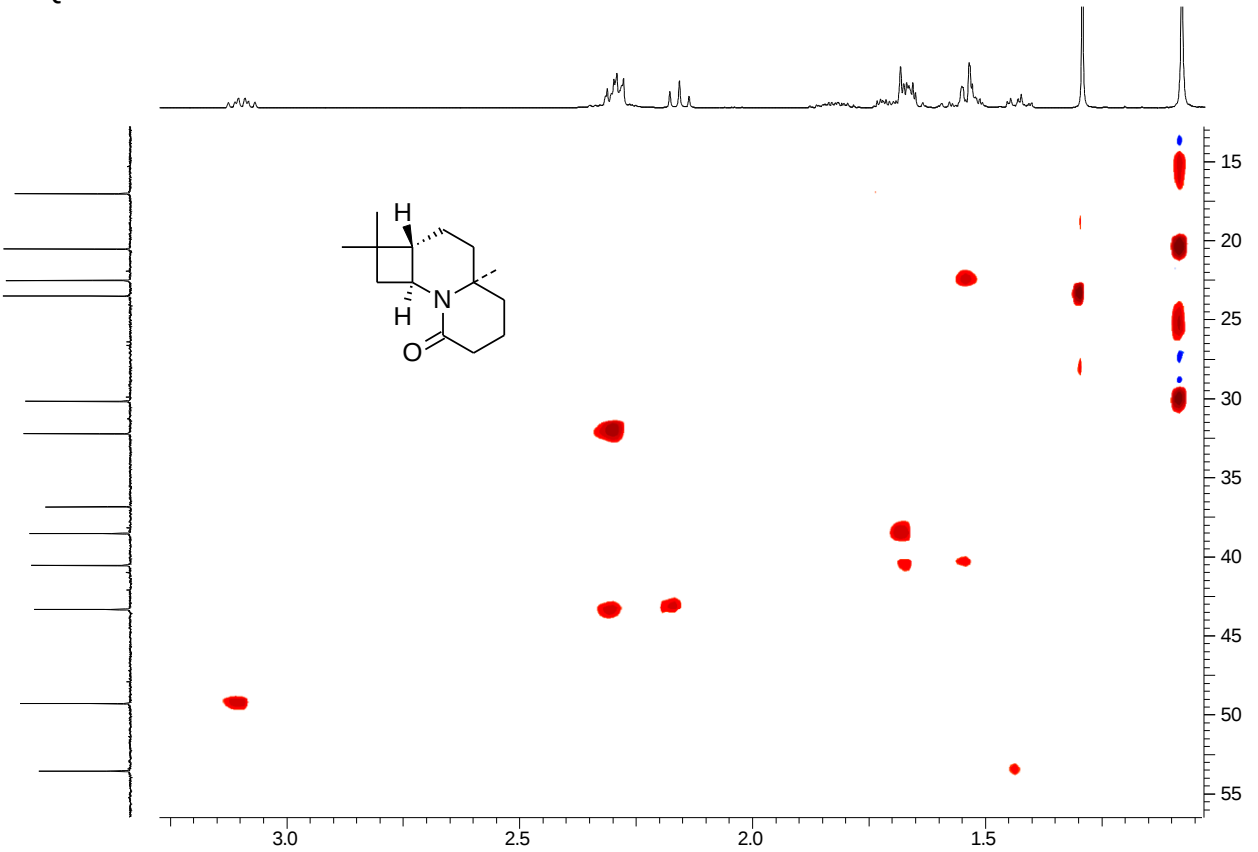
¹H NMR



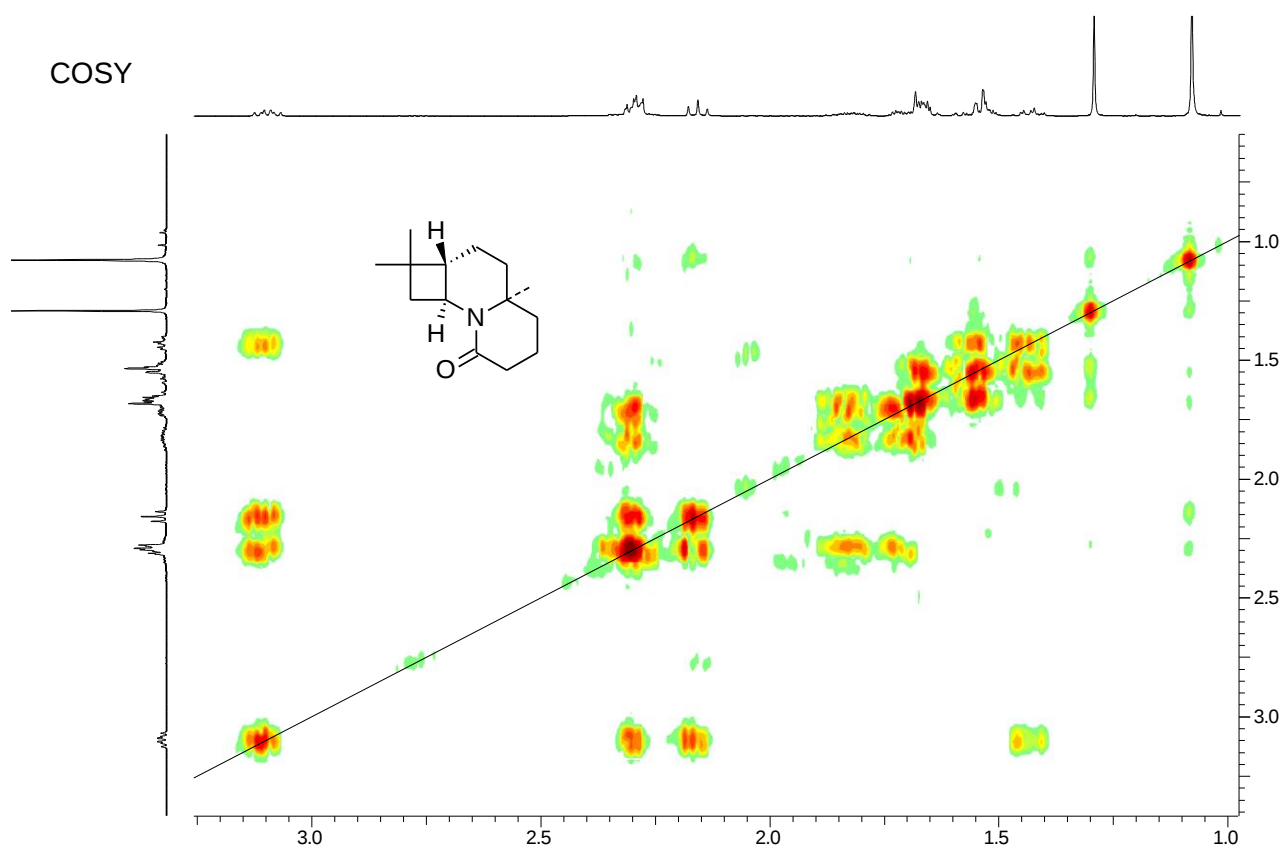
¹³C NMR



HSQC



COSY



HMBC

