Supporting Information

Bis-spirolabdane Diterpenoids from *Leonotis nepetaefolia*

Jun Li,[†] Frank R. Fronczek,[‡] Daneel Ferreira,[†,⊥] Charles L. Burandt, Jr.,[§] Vincent Setola,[‖] Bryan L. Roth,[‖] and Jordan K. Zjawiony*[,†,⊥]

[†]Department of Pharmacognosy and [⊥]Research Institute of Pharmaceutical Sciences, School of Pharmacy, [§]National Center for Natural Products Research, University of Mississippi, University, Mississippi 38677-1848, United States

[‡]Department of Chemistry, Louisiana State University, Baton Rouge, Louisiana 70803-1804, United States

[‖]Department of Pharmacology, School of Medicine and NIMH Psychoactive Drug Screening Program, University of North Carolina, Chapel hill, NC 27599, United States

*To whom correspondence should be addressed: Tel: +1 662 915 7290. Fax: +1 662 915 6975. E-mail: jordan@olemiss.edu.

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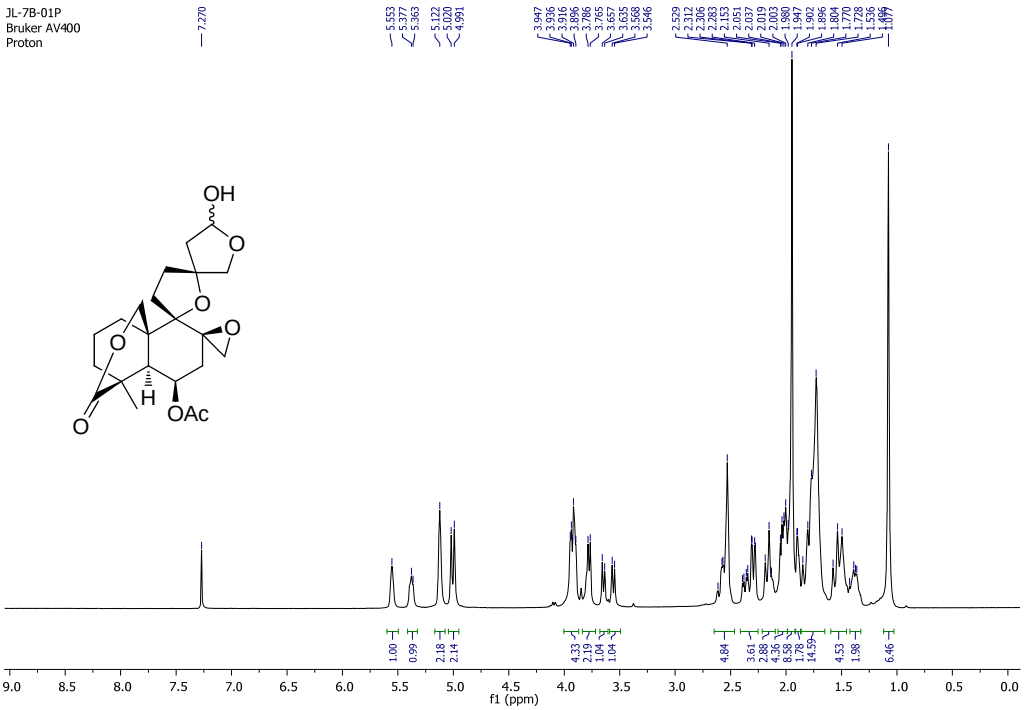
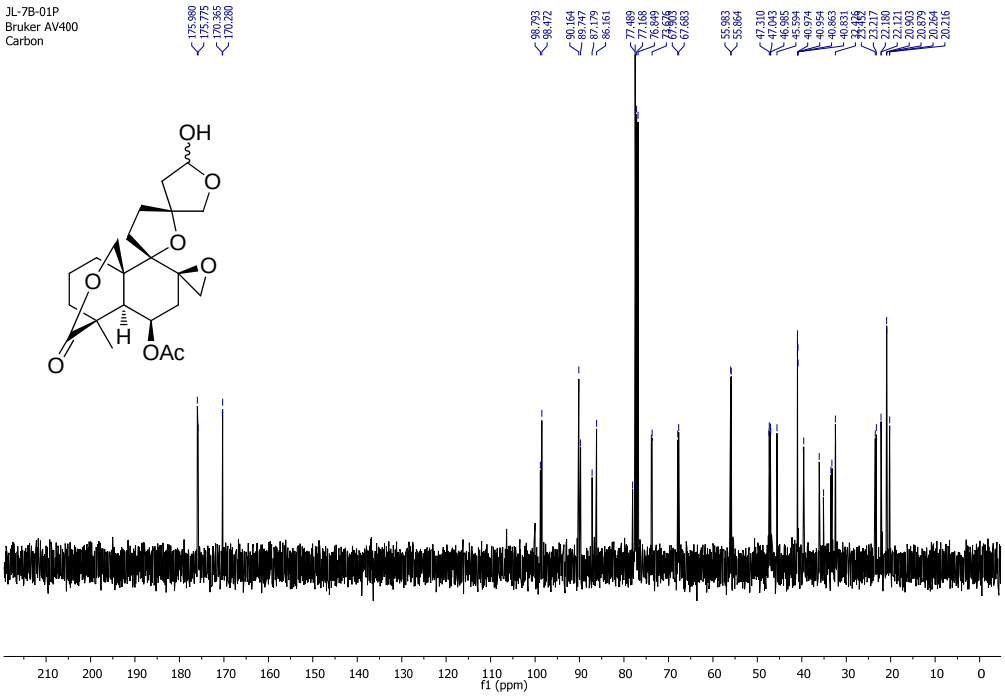
S34	gHMBC spectrum of compound **9/10** in $CDCl_3$
S35	NOESY spectrum of compound **9/10** in $CDCl_3$
S36	Primary CNS Receptor Binding Data of Isolated Compounds



S1 ^{1}H NMR spectrum of compounds **1/2** in $CDCl_3$



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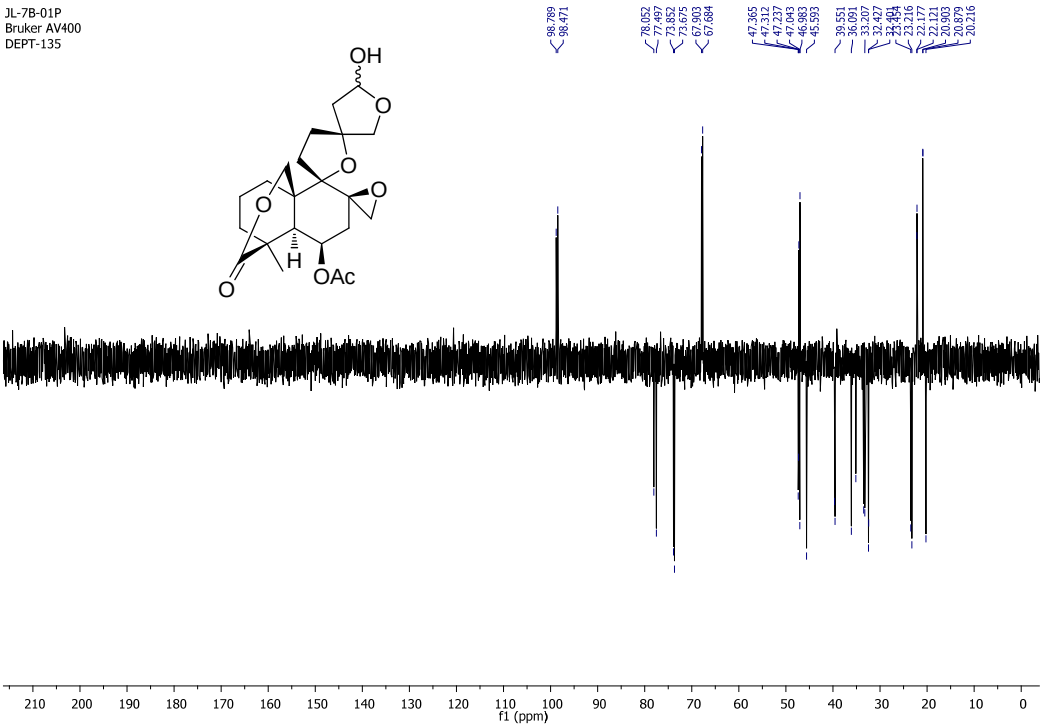
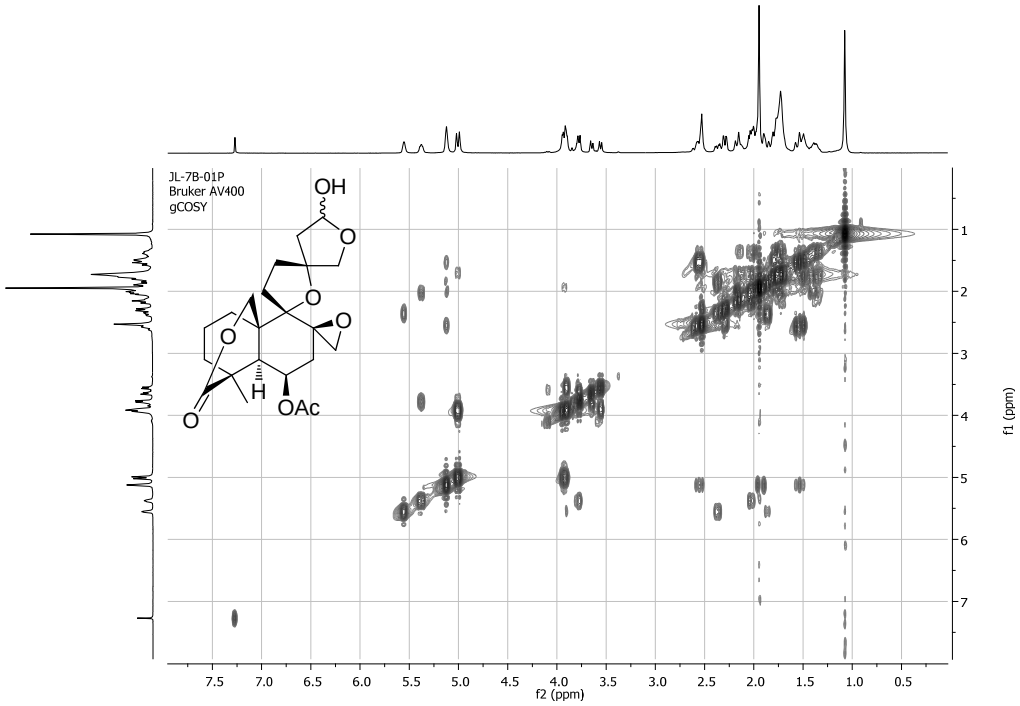


S3 DEPT-135 spectrum of compounds **1/2** in $CDCl_3$



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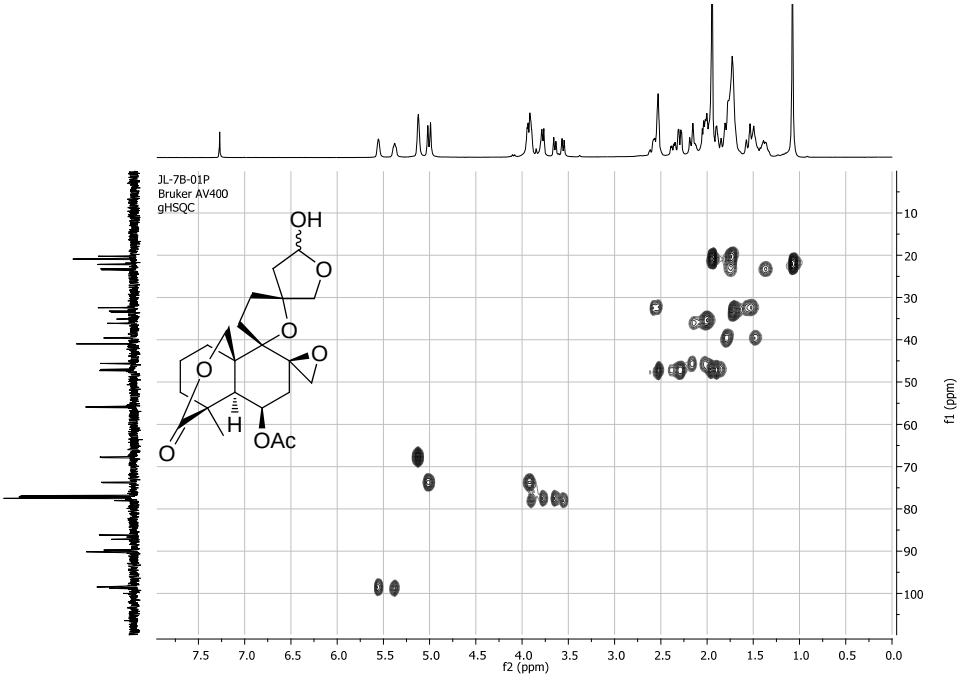
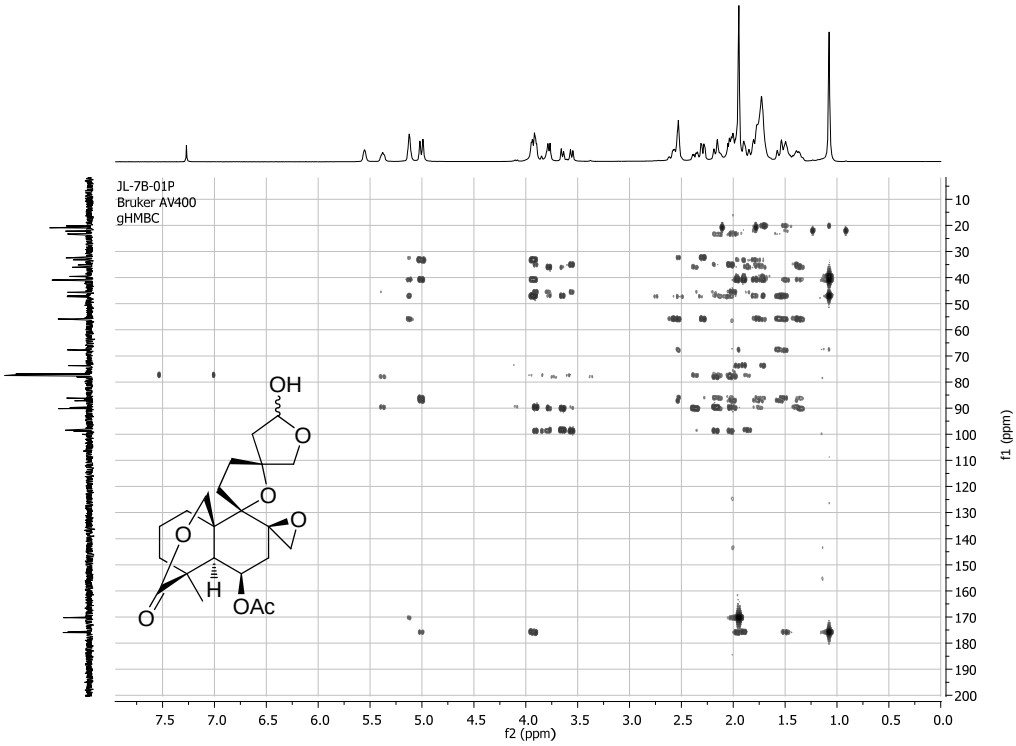
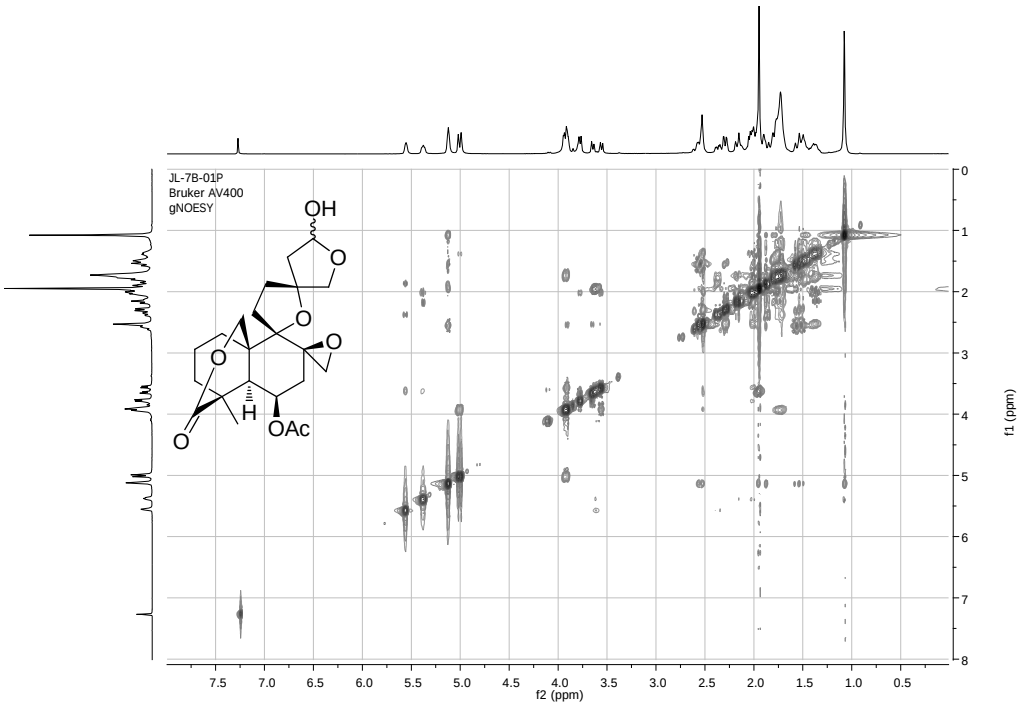


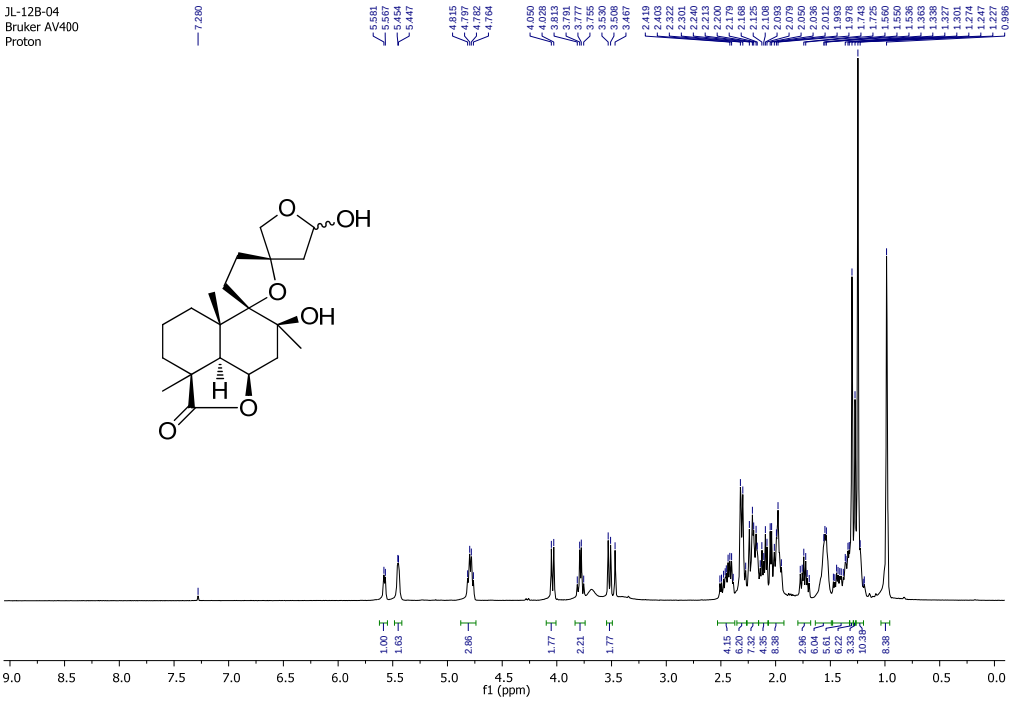
S5 gHSQC spectrum of compounds **1**/**2** in $CDCl_3$



S6 gHMBC spectrum of compounds **1**/**2** in $CDCl_3$



S7 NOESY spectrum of compounds **1/2** in $CDCl_3$



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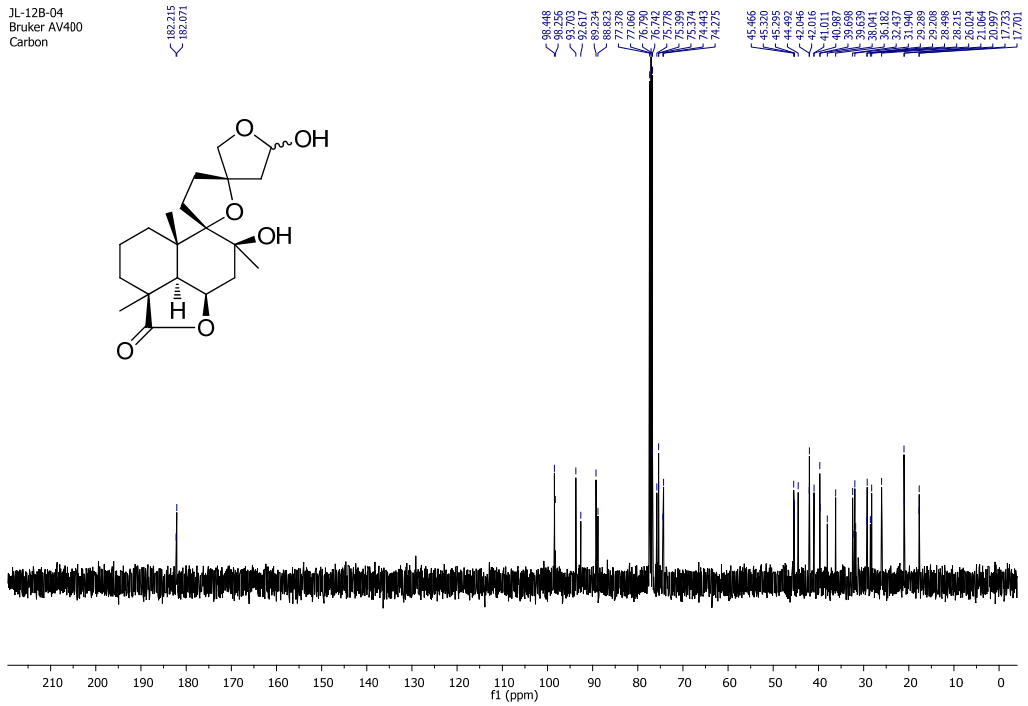

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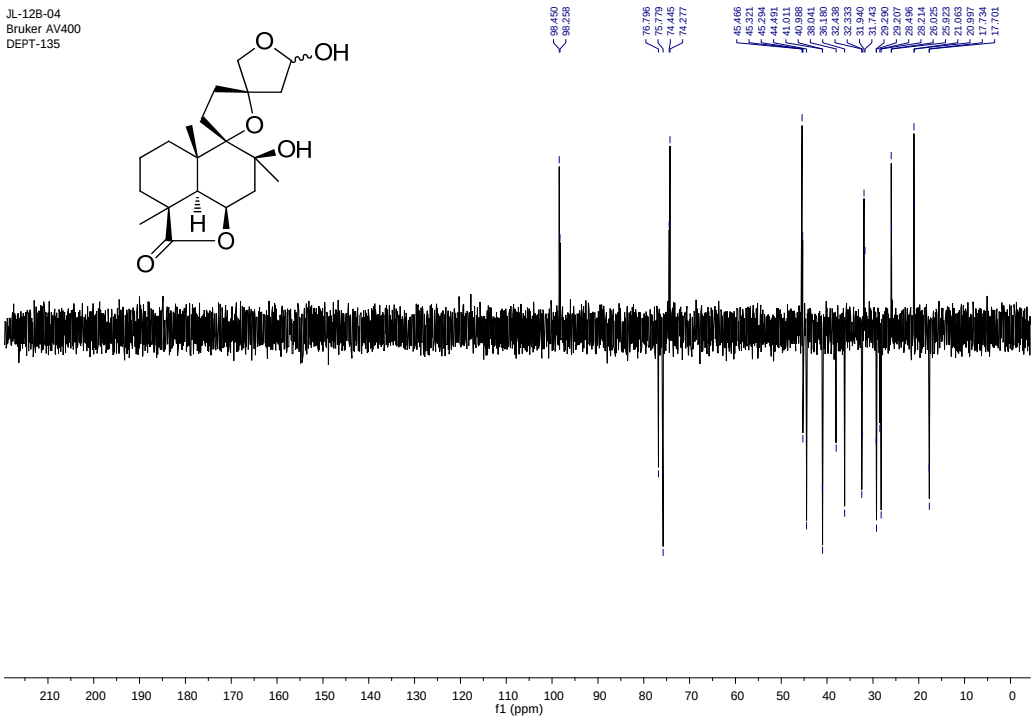
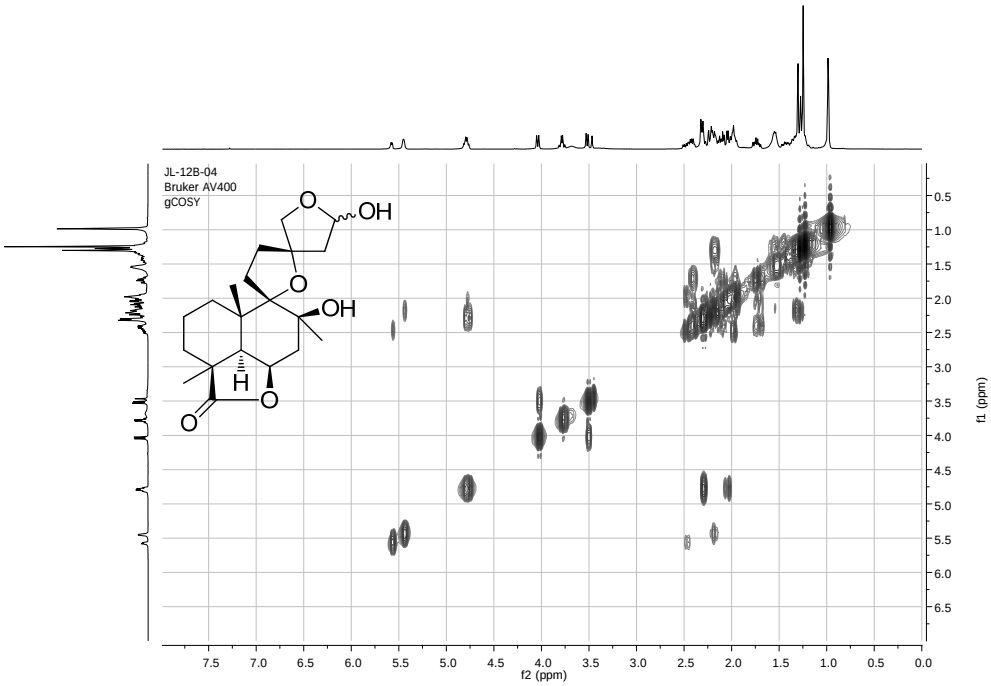
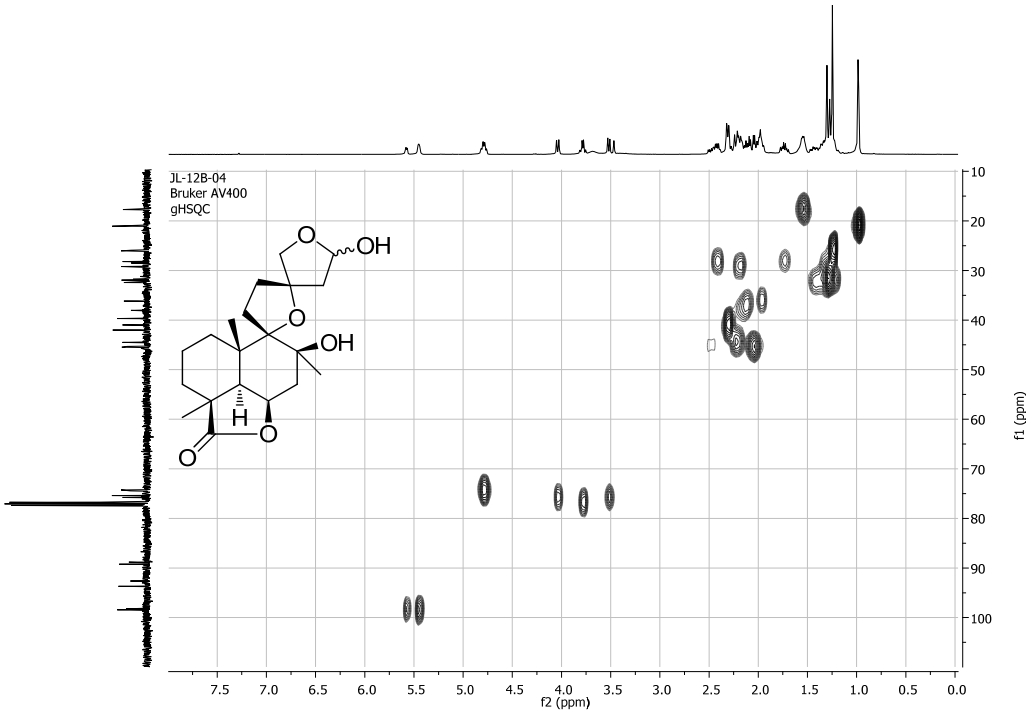


S10 DEPT-135 spectrum of compounds **3/4** in $CDCl_3$



S11 ^{1}H-^{1}H COSY spectrum of compounds **3**/**4** in $CDCl_3$



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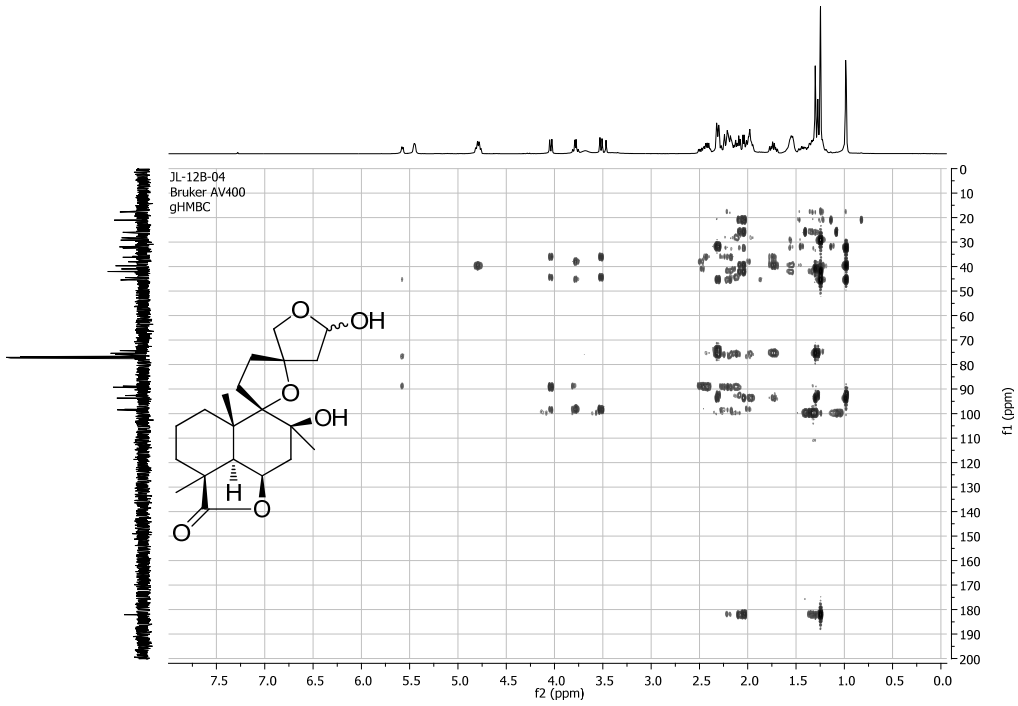
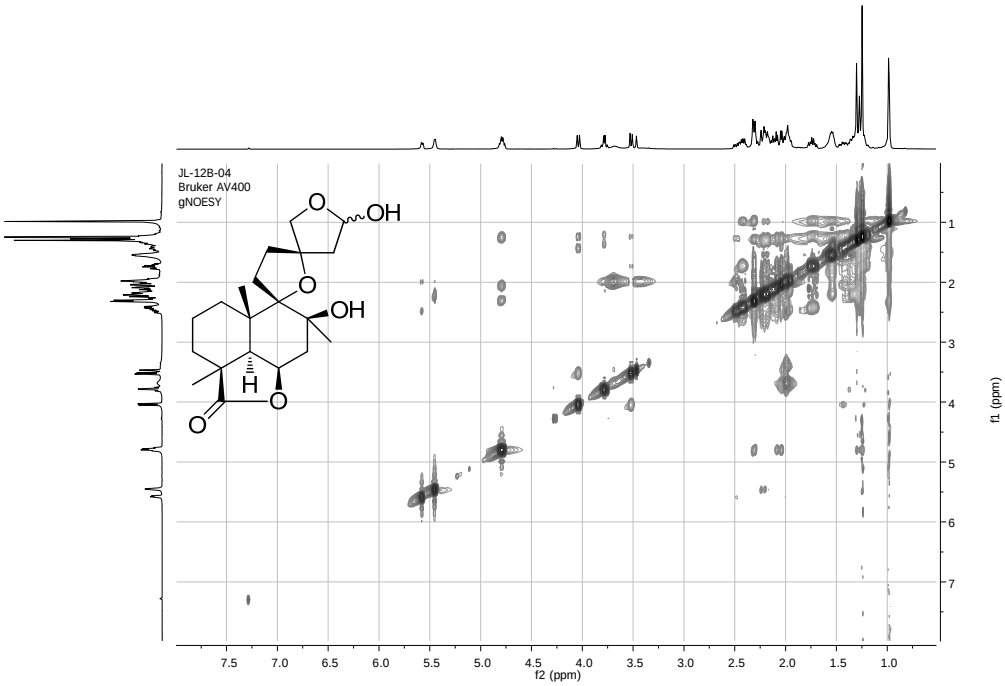
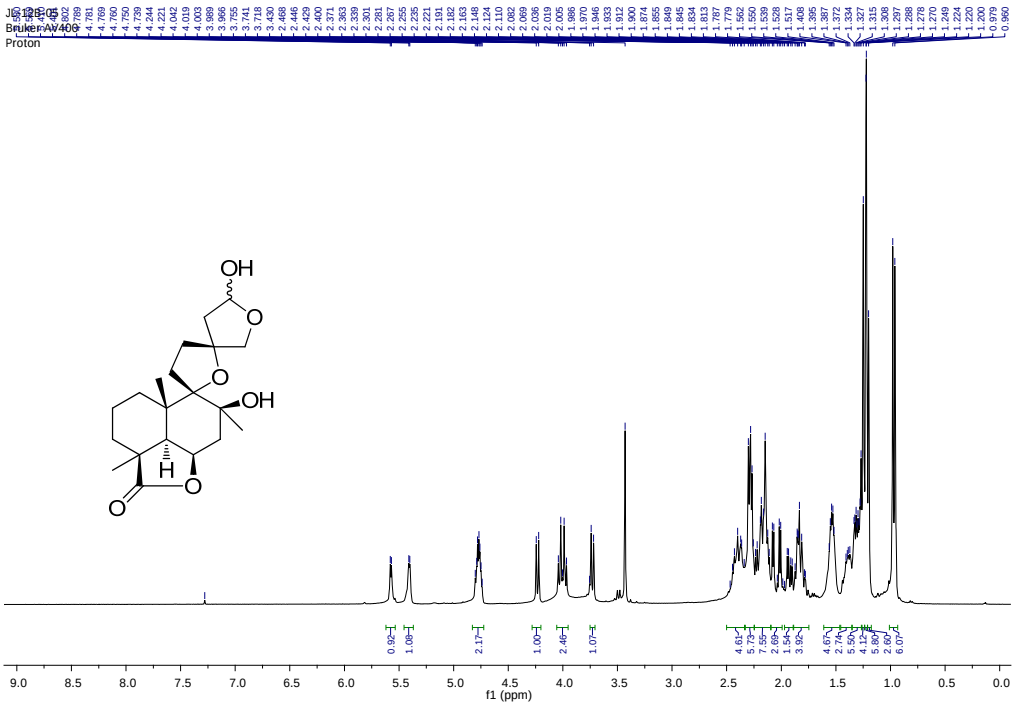


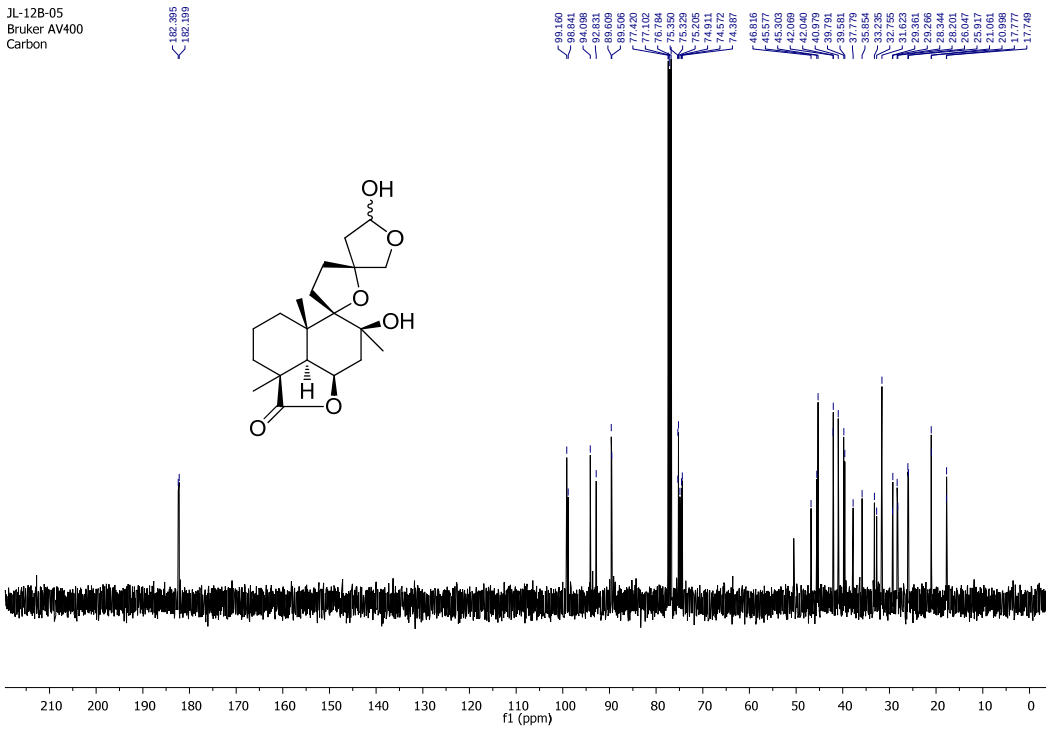
S13 gHMBC spectrum of compounds **3**/**4** in $CDCl_3$



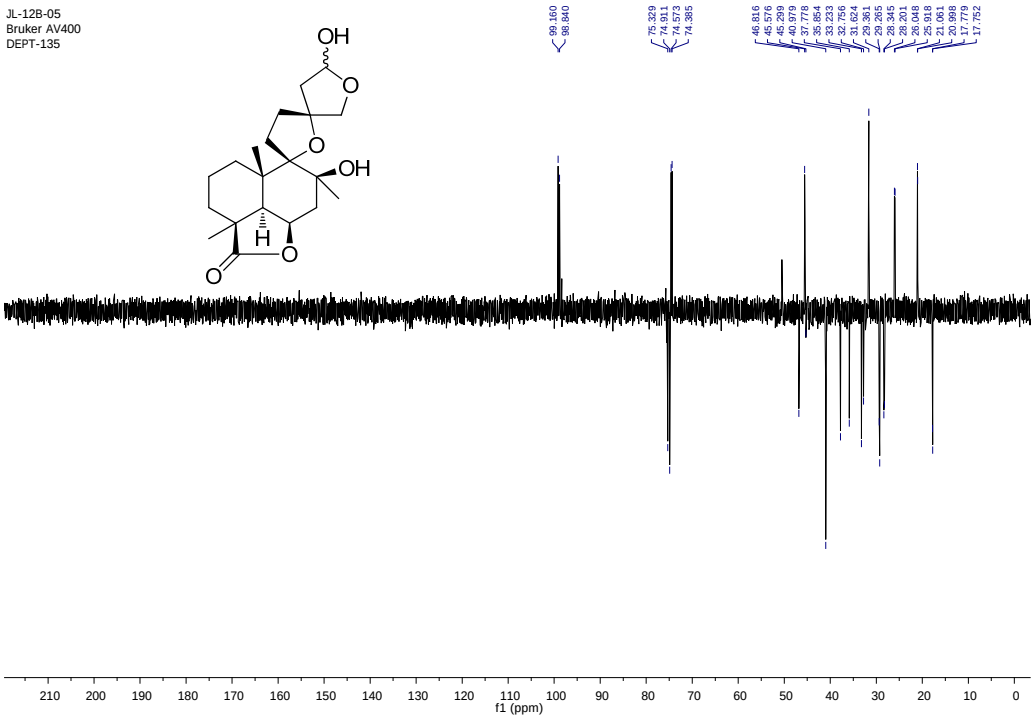
S14 NOESY spectrum of compounds **3**/**4** in $CDCl_3$



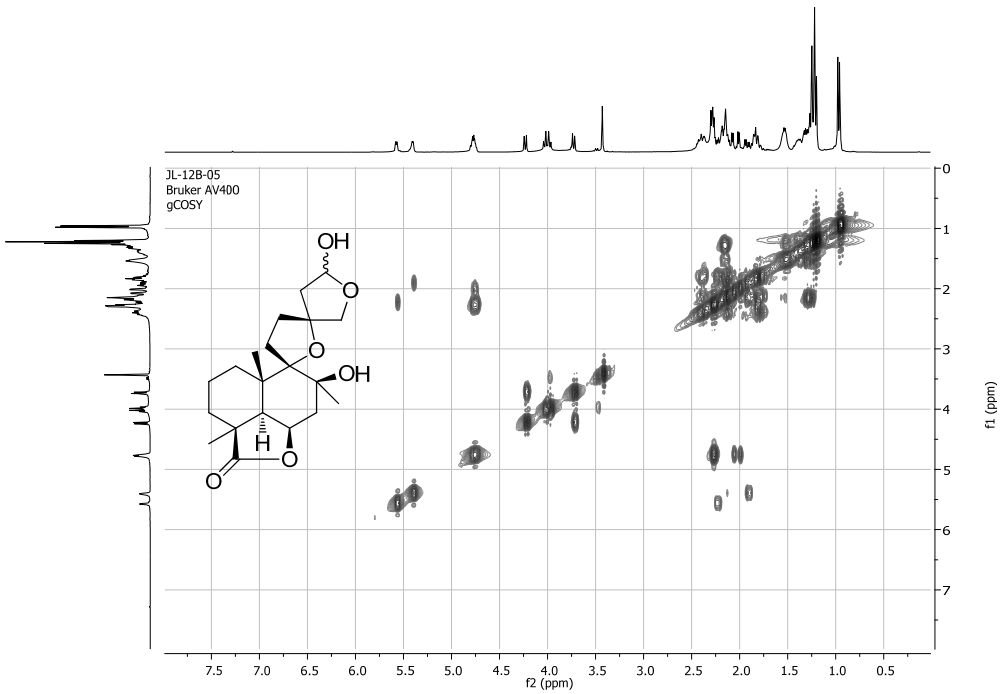
S15 ^{1}H NMR spectrum of compounds **5/6** in $CDCl_3$



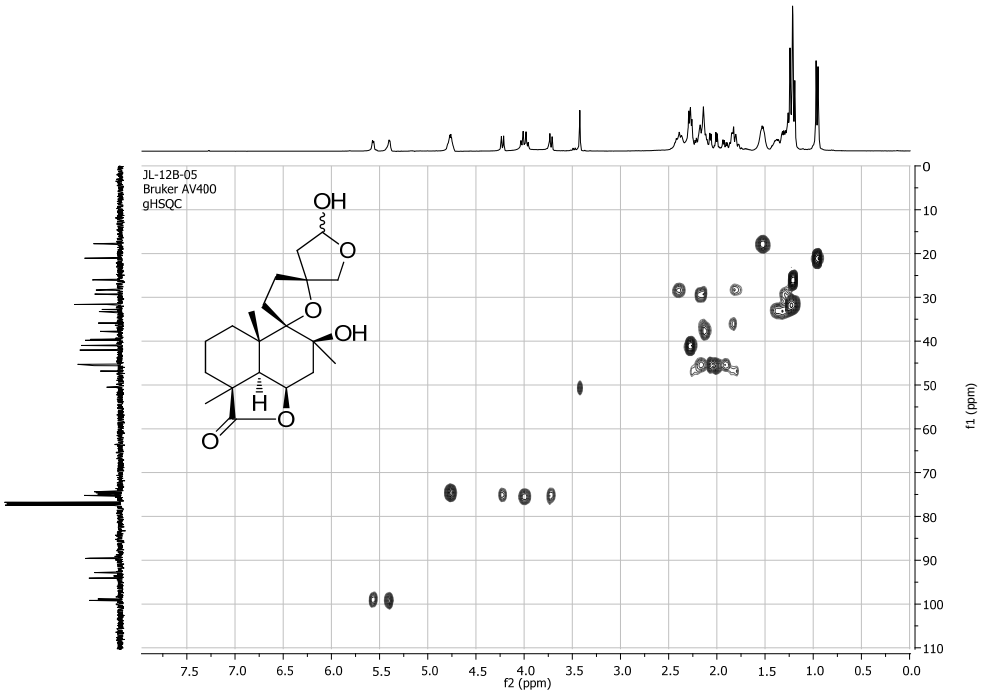
S16^{13}C NMR spectrum of compounds **5/6** in $CDCl_3$



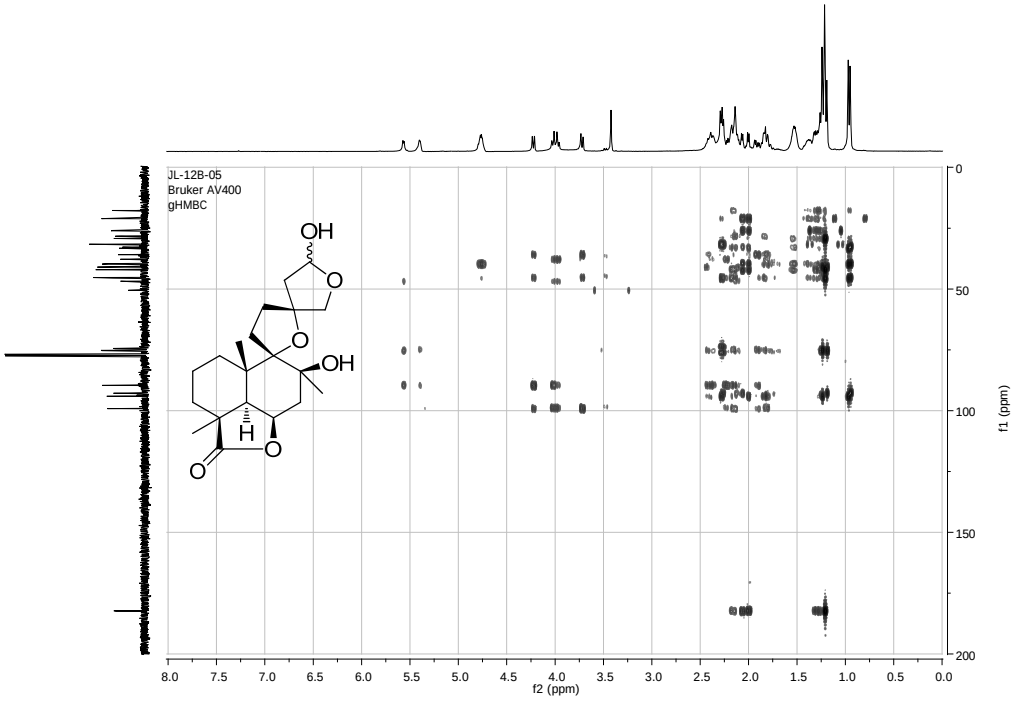
S17 DEPT-135 spectrum of compounds **5**/**6** in $CDCl_3$



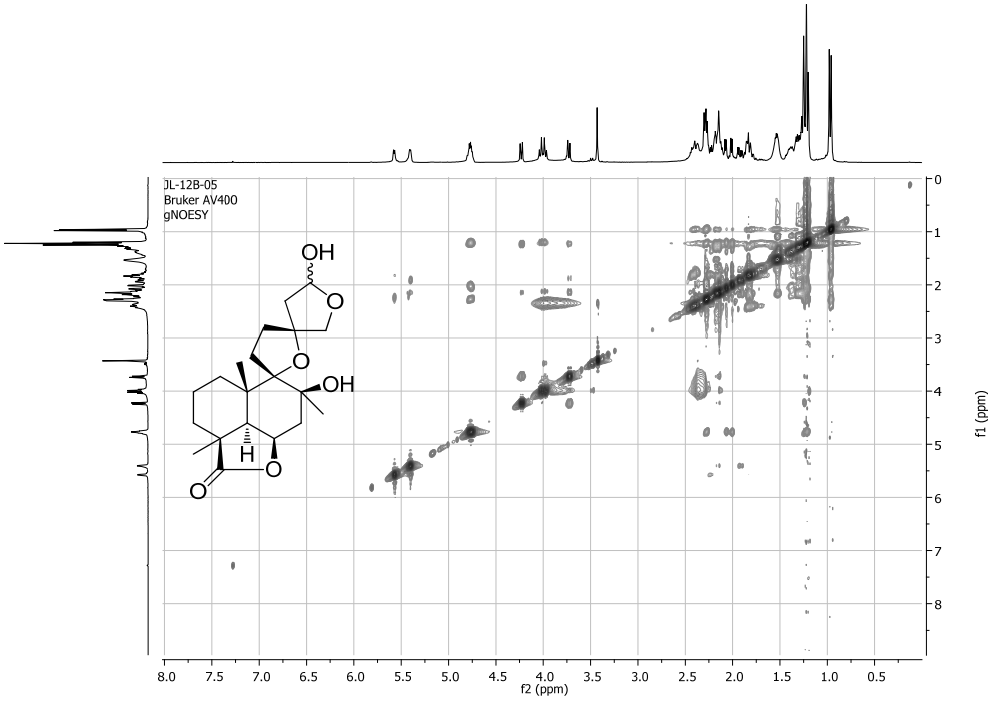
S18 ^{1}H-^{1}H COSY spectrum of compounds **5**/**6** in $CDCl_3$



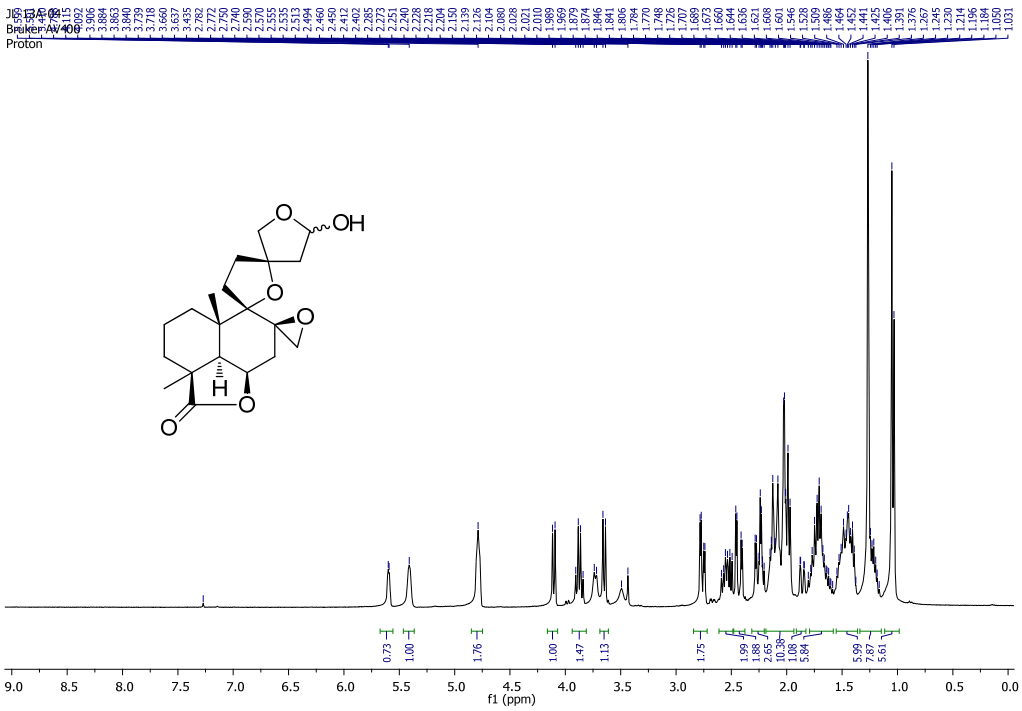
S19 gHSQC spectrum of compounds **5/6** in $CDCl_3$



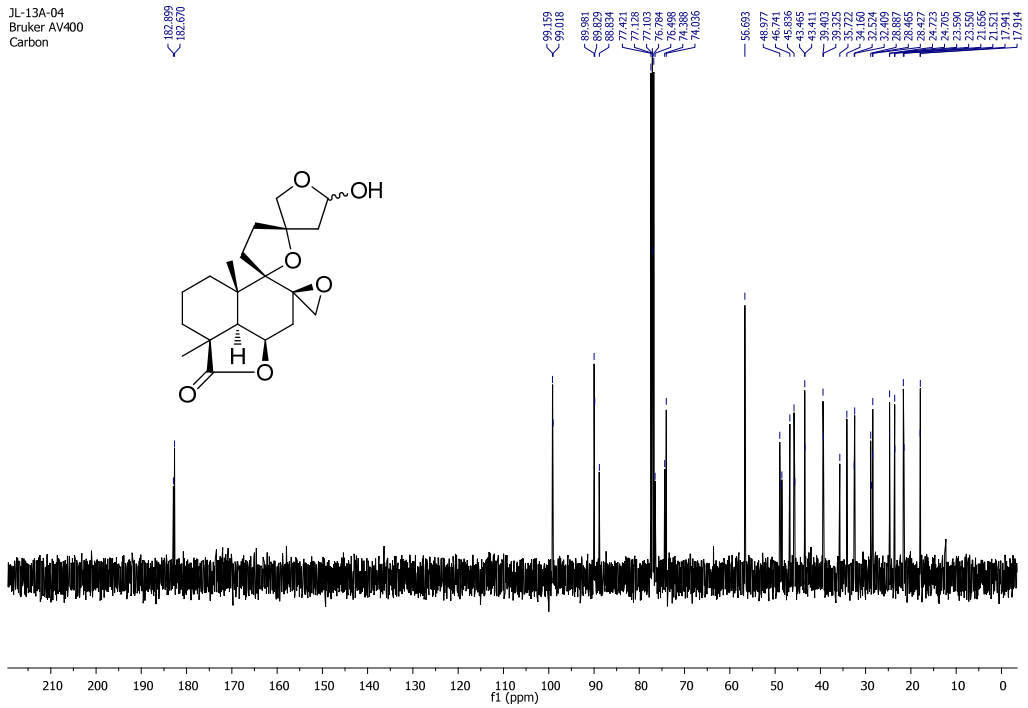
S20 gHMBC spectrum of compounds **5/6** in $CDCl_3$



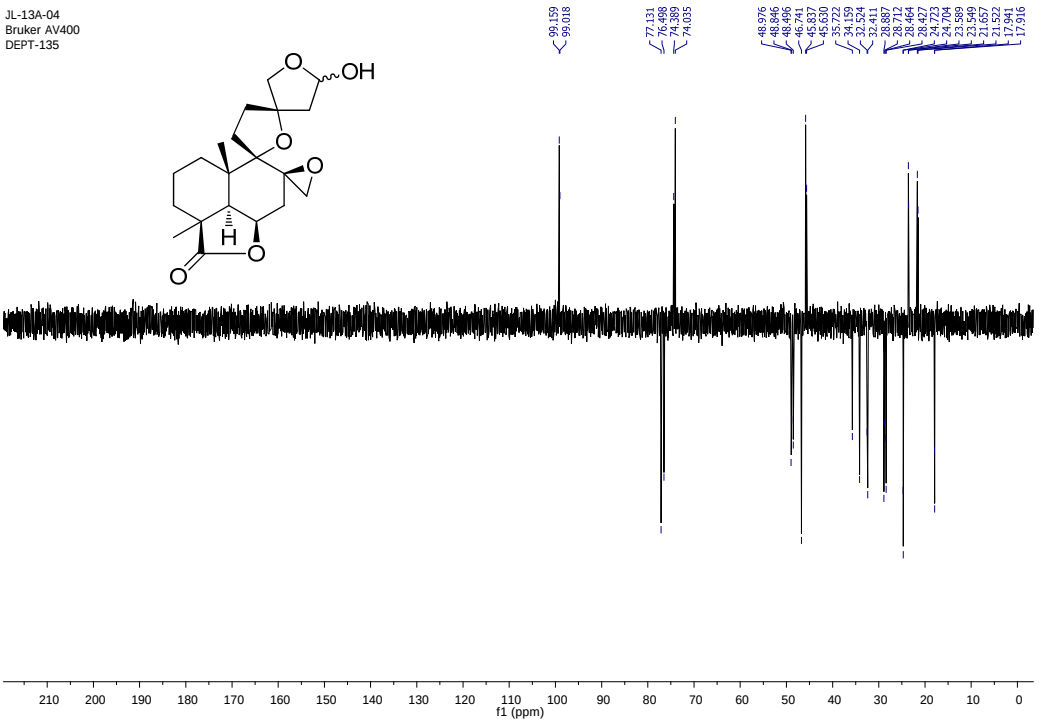
S21 NOESY spectrum of compounds **5/6** in $CDCl_3$



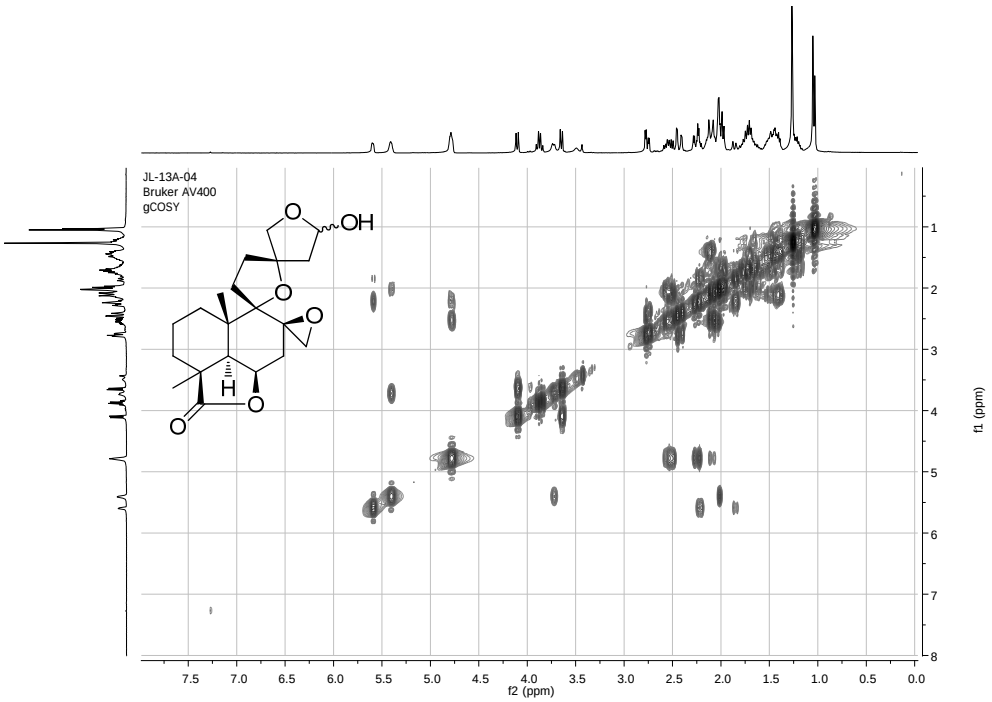
S22 ^{1}H NMR spectrum of compounds **7/8** in $CDCl_3$



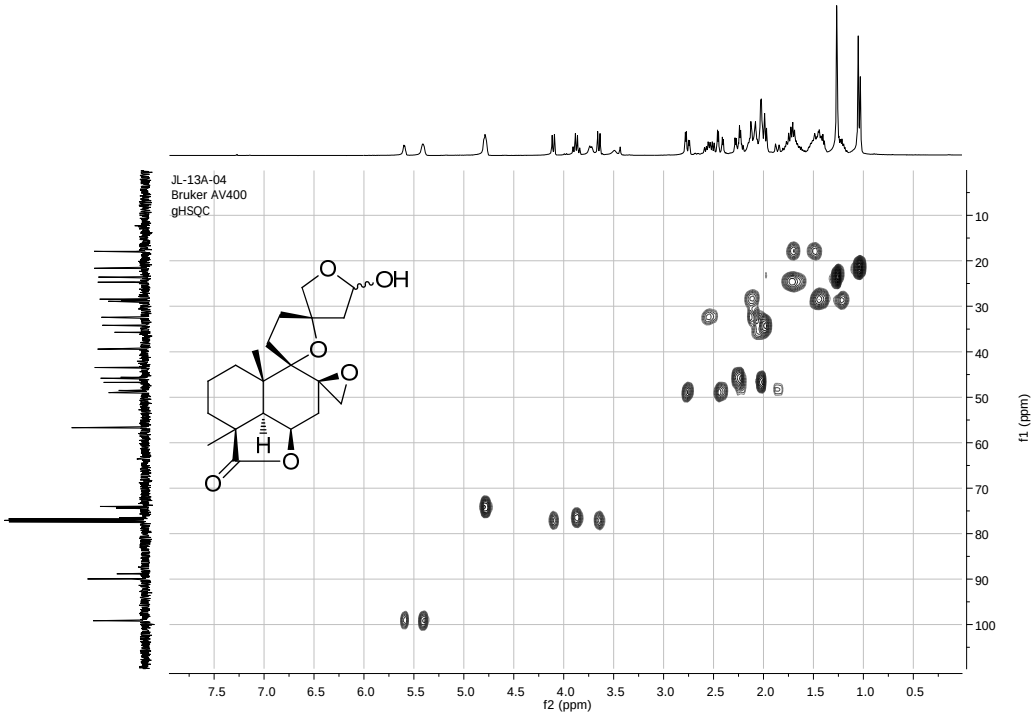
S23 ^{13}C NMR spectrum of compounds **7/8** in $CDCl_3$



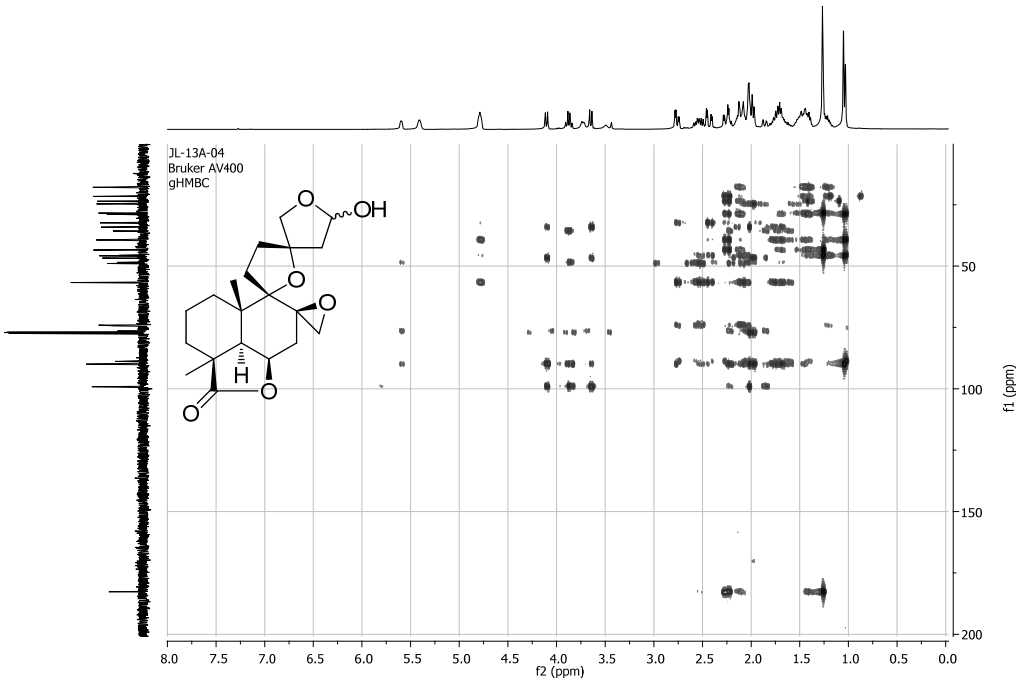
S24 DEPT-135 spectrum of compounds **7/8** in $CDCl_3$



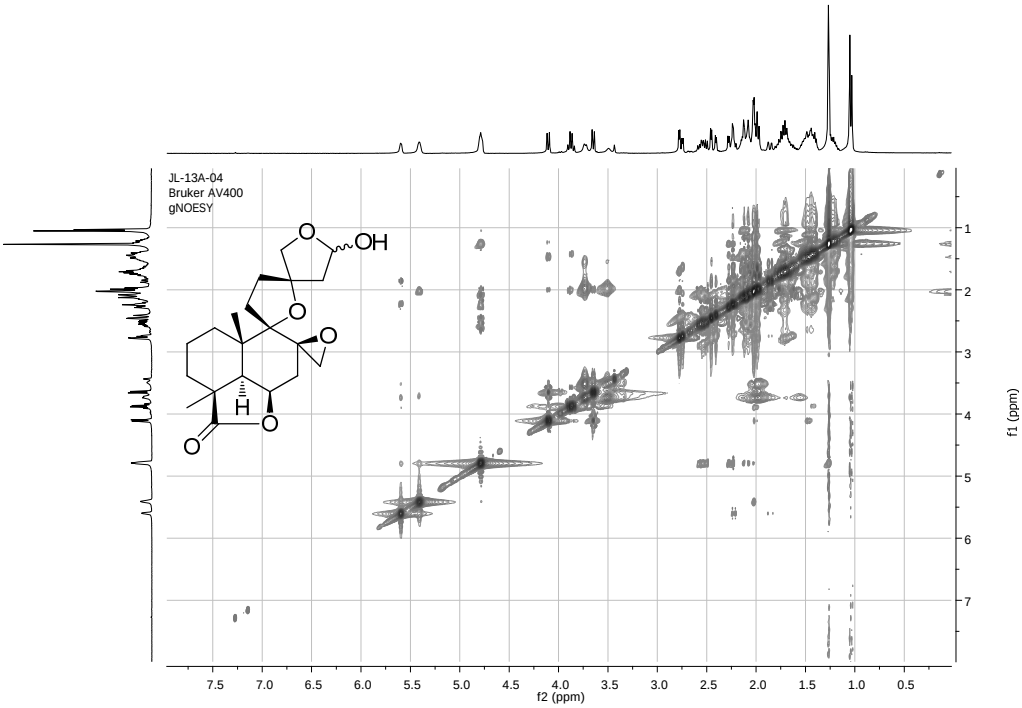
S25 ^{1}H-^{1}H COSY spectrum of compounds **7**/**8** in $CDCl_3$



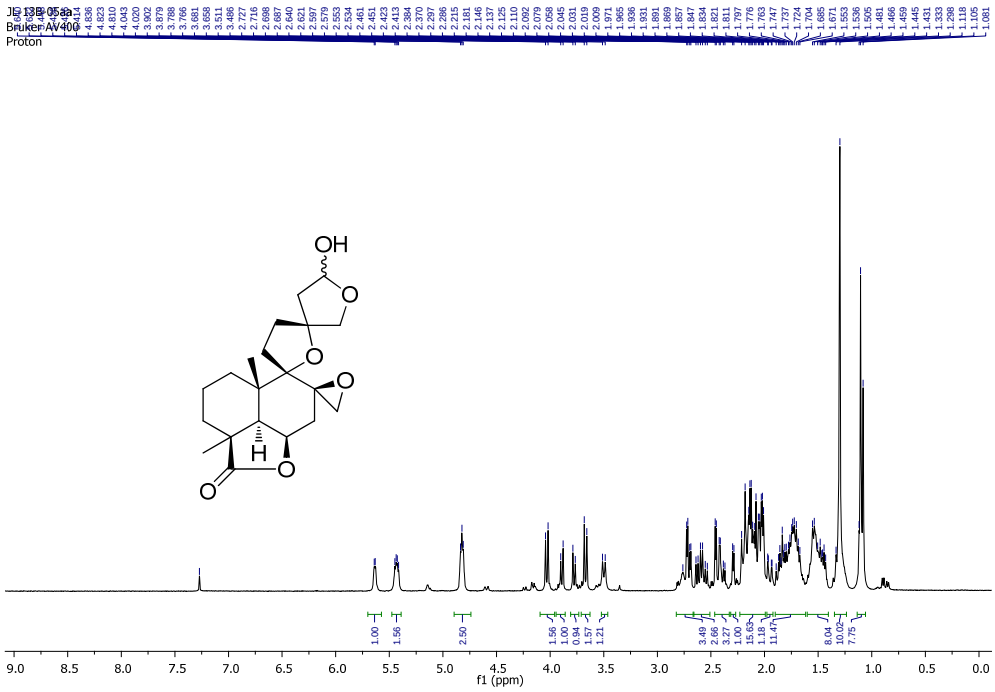
S26 gHSQC spectrum of compounds **7**/**8** in $CDCl_3$



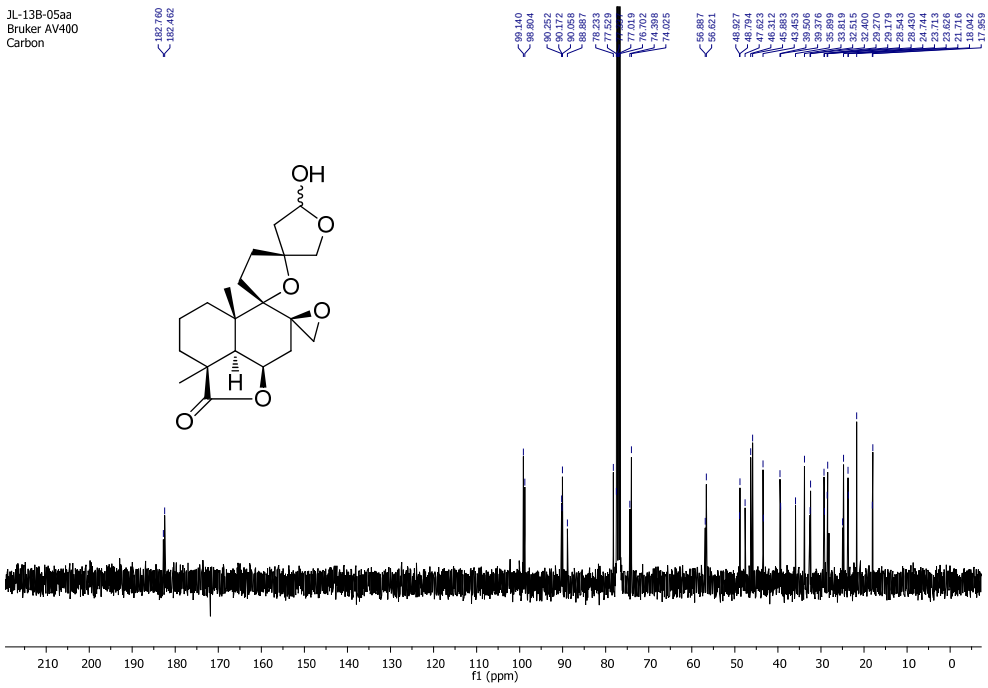
S27 gHMBC spectrum of compounds **7**/**8** in $CDCl_3$



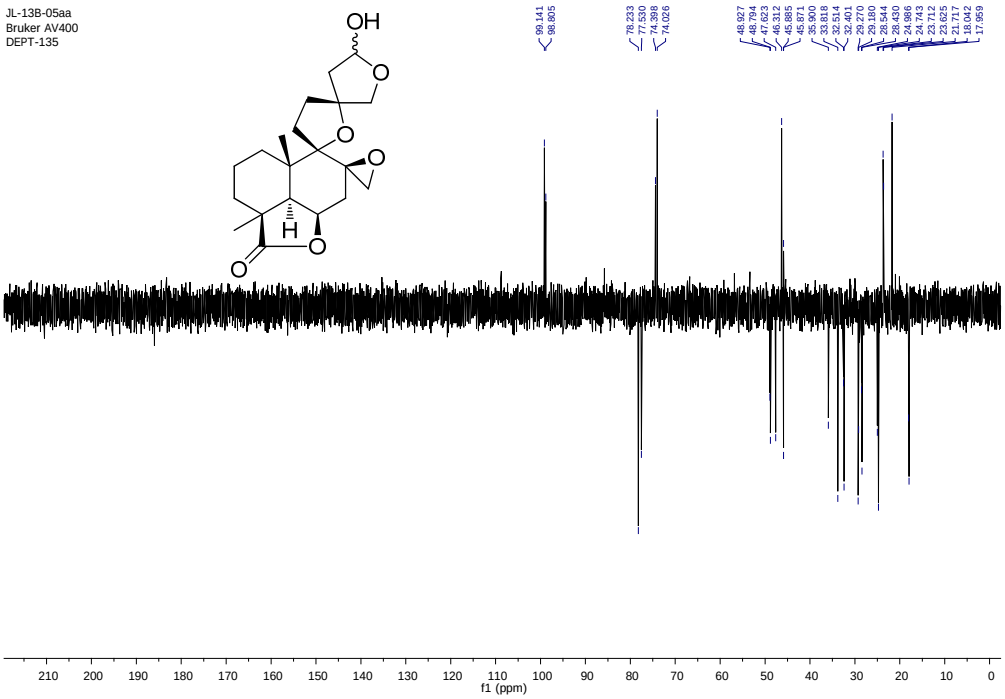
S28 NOESY spectrum of compounds **7**/**8** in $CDCl_3$



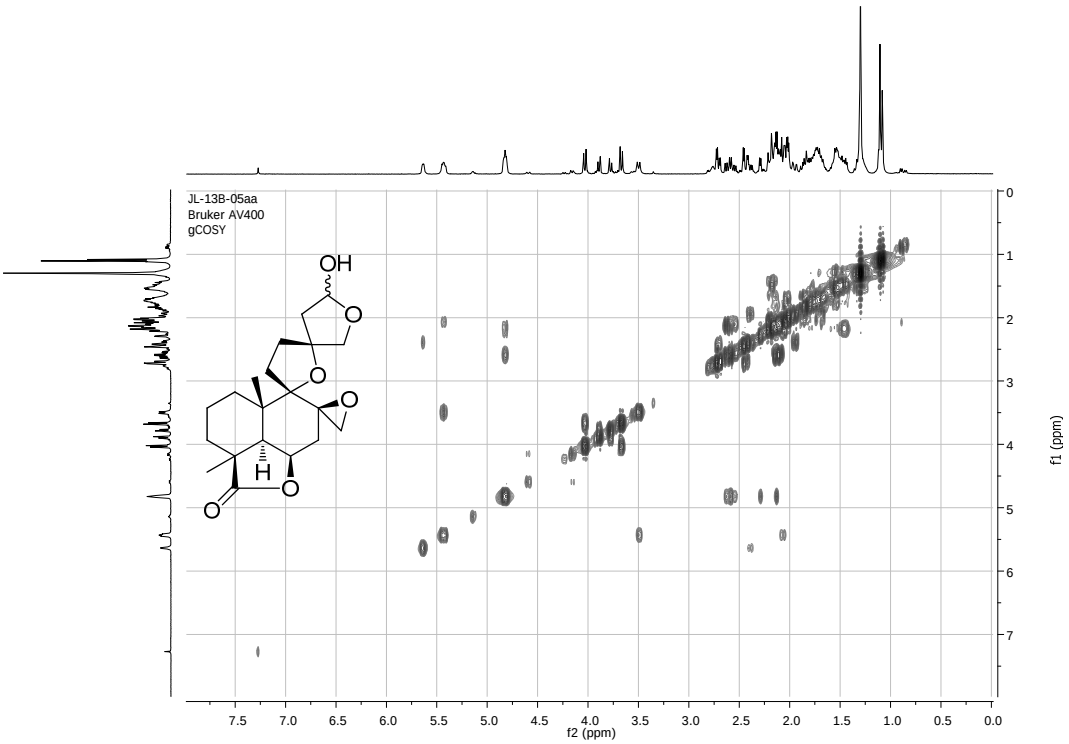
S29 ^{1}H NMR spectrum of compounds **9/10** in $CDCl_3$



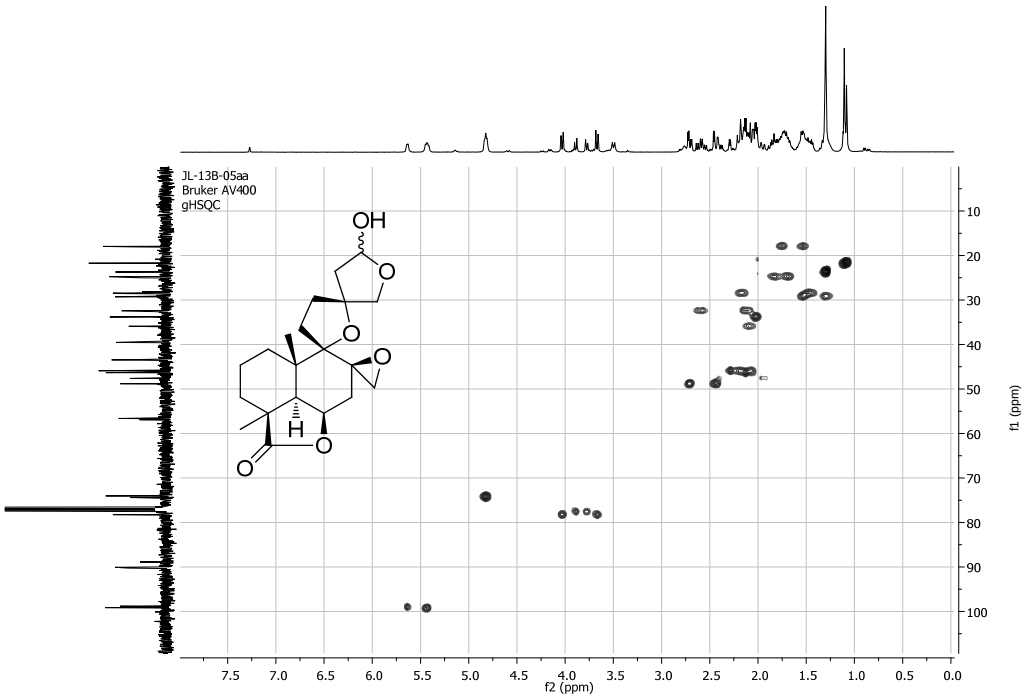
S30 ^{13}C NMR spectrum of compounds **9/10** in $CDCl_3$



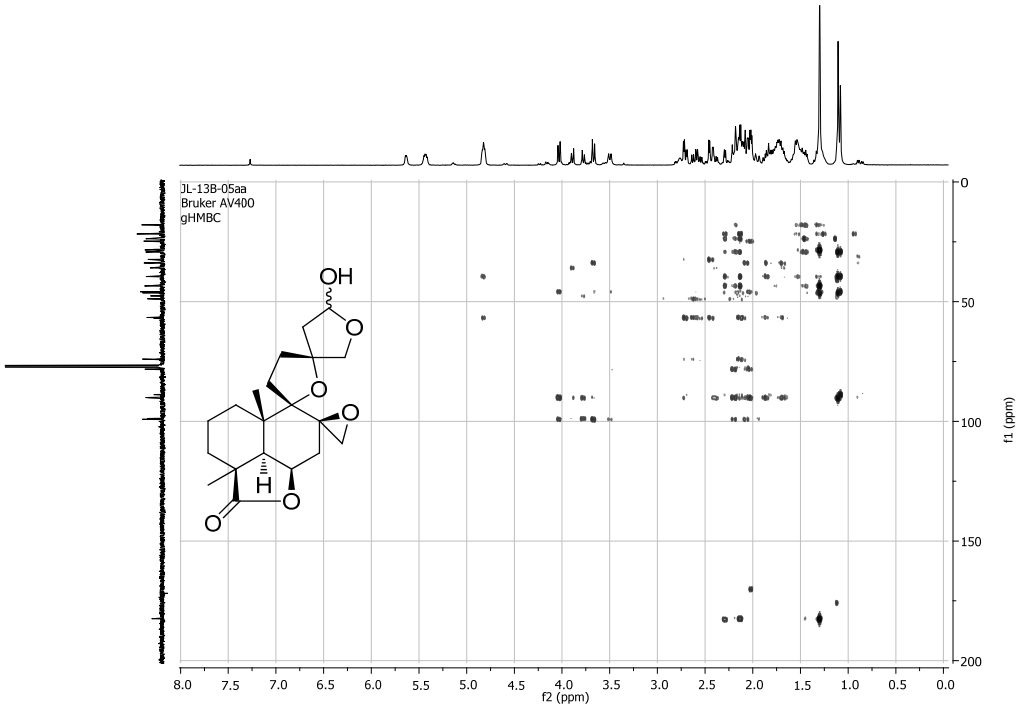
S31 DEPT-135 spectrum of compounds **9/10** in $CDCl_3$



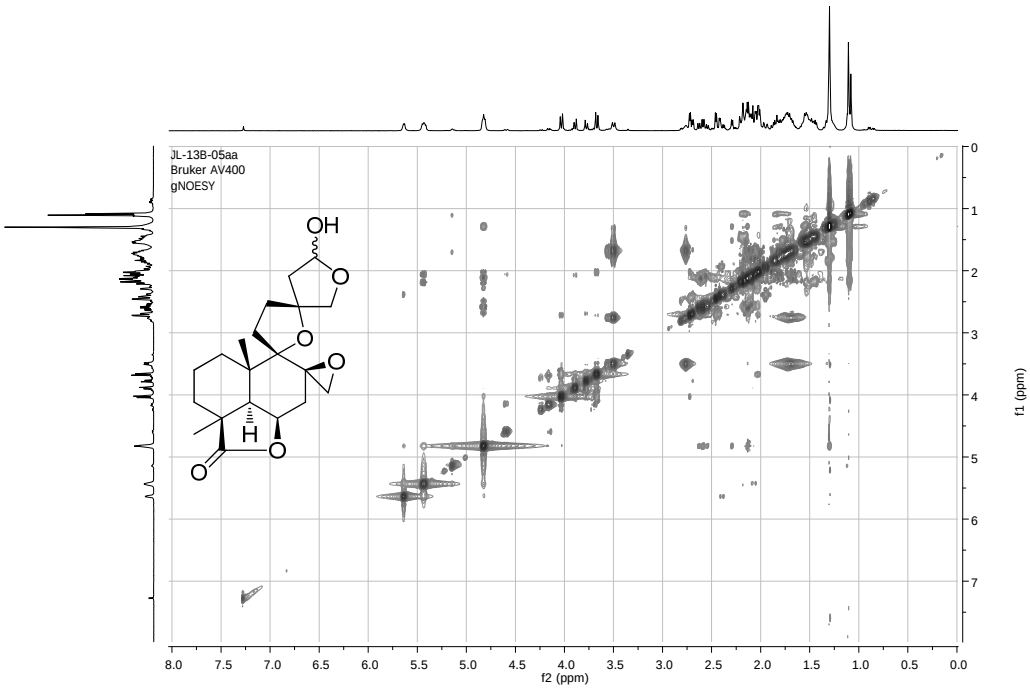
S32 ^{1}H-^{1}H COSY spectrum of compounds **9/10** in $CDCl_3$



S33 gHSQC spectrum of compounds **9/10** in $CDCl_3$



S34 gHMBC spectrum of compounds **9/10** in $CDCl_3$



S35 NOESY spectrum of compounds **9/10** in $CDCl_3$

S36 Primary CNS Receptor Binding Data of Isolated Compounds

Compound	Dopamine		Histamine		Acetylcholine		
	D1	D5	H1	H2	M3	M4	M5
1/2	NA [b]	NA	63.3	NA	NA	NA	NA
3/4	NA	NA	65.4	NA	NA	NA	NA
5/6	NA	66.7	58.3	NA	NA	NA	NA
7/8	NA	64.7	NA	NA	61.8	NA	NA
9/10	NA	60.0	NA	NA	53.7	NA	NA
11	NA	50.0	67.0	NA	50.0	NA	NA
12	NA	54.5	69.5	NA	NA	50.0	NA
13	NA	50.0	50.3	NA	NA	NA	NA
14	NA	50.0	NA	NA	NA	NA	NA
15	NA	54.1	NA	NA	NA	NA	NA
16	NA	NA	NA	50.0	NA	NA	NA
17	NA	NA	NA	NA	NA	NA	NA
18	NA	NA	NA	NA	57.4	NA	NA
19	55.0	NA	NA	NA	60.8	NA	50.0
20	70.9	NA	NA	NA	56.3	50.0	50.0

[a]Data represent mean percent inhibition (n = 4 determinations) for compounds tested at receptor subtypes. Significant inhibition is considered >50%. All represent human receptors.

[b] NA, not active at 10,000 nM.