

Supporting Information

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A New Phenylpropanoid from the Roots of *Solanum melongena* L. and Evaluation of Anti-inflammatory Activity

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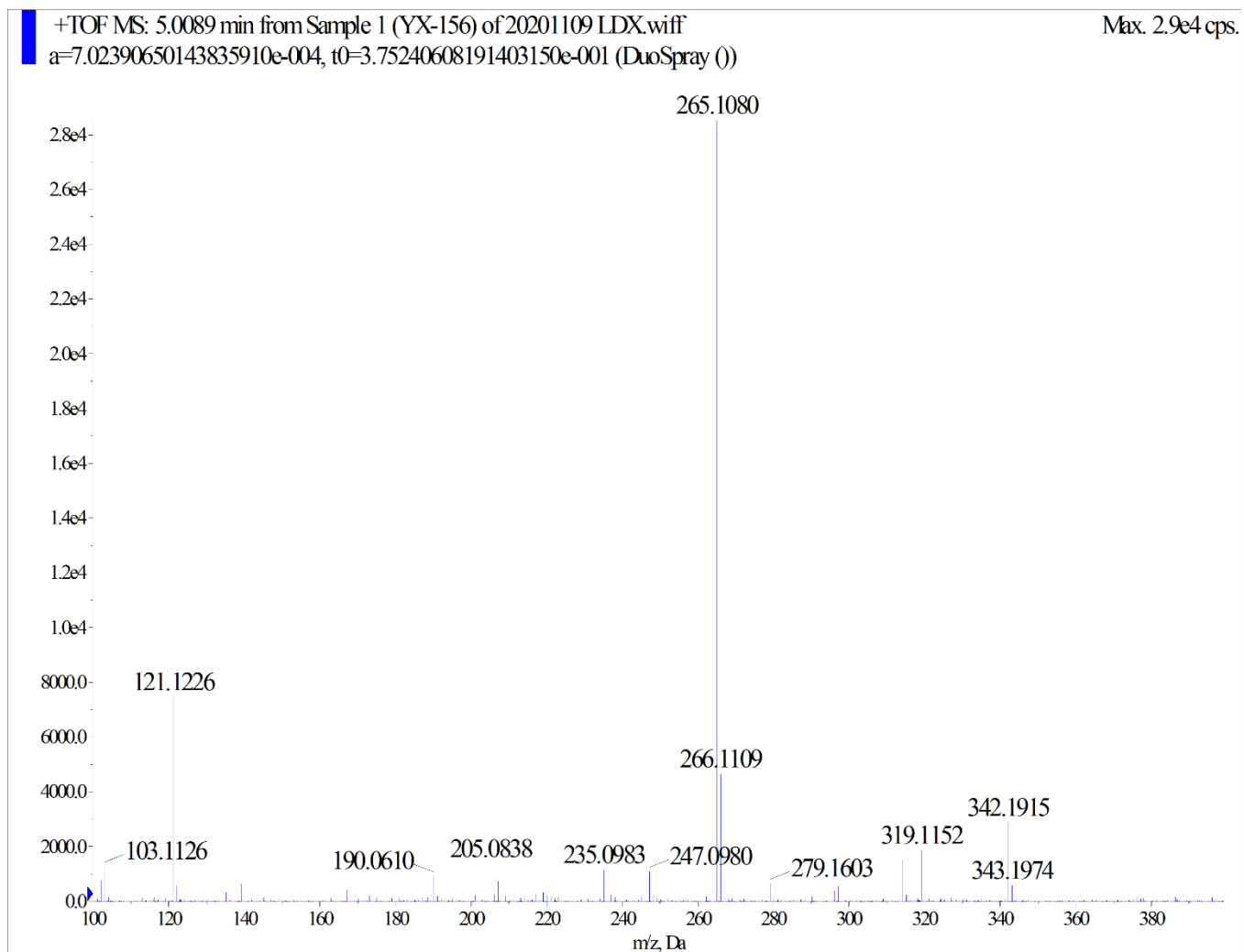


Figure S1: HR-ESI-MS Spectrum of **1** (melongenapanoid A)

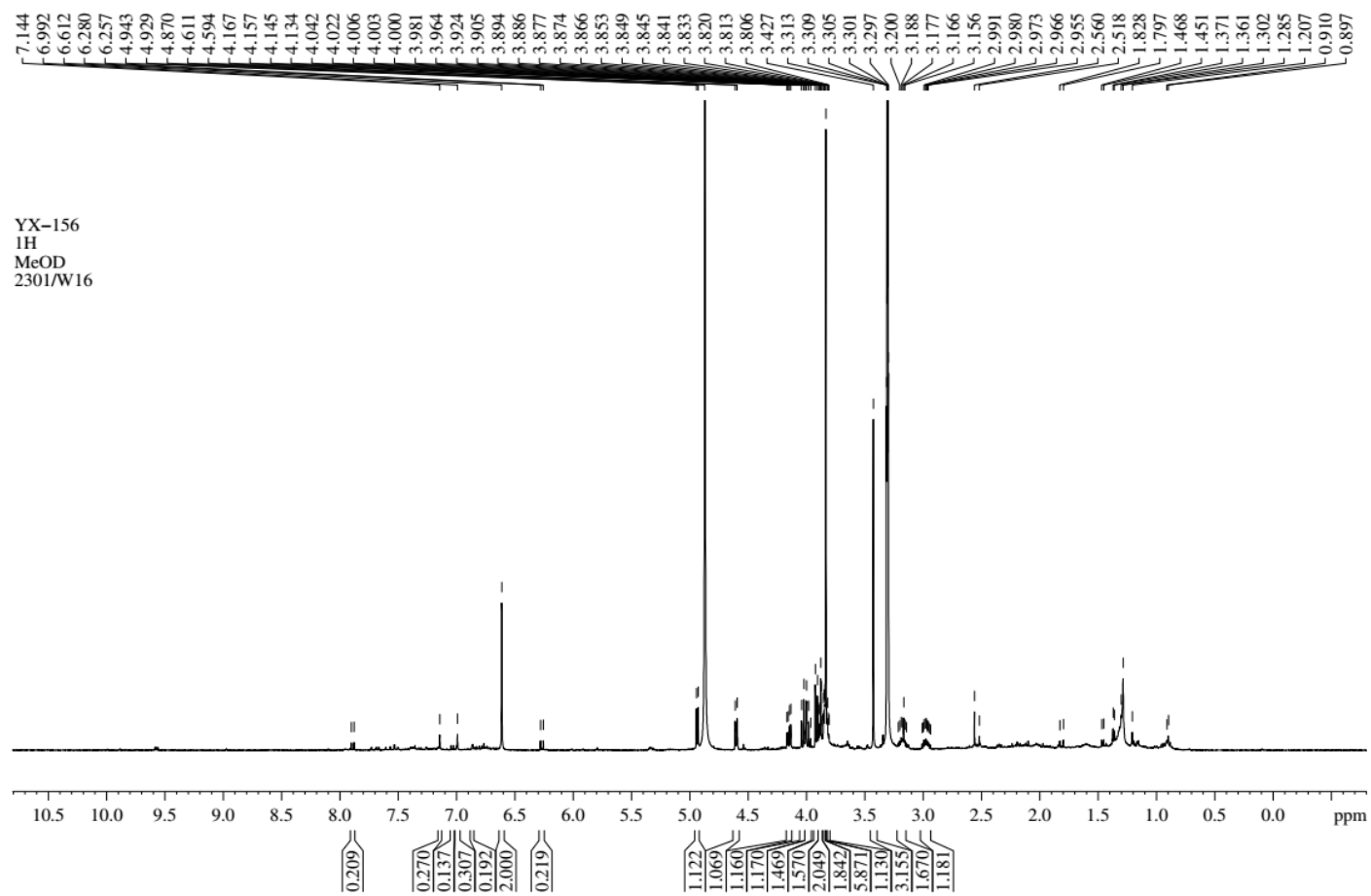


Figure S2: ¹H-NMR (400 MHz, CD₃OD) Spectrum of **1** (melongenapanoid A)

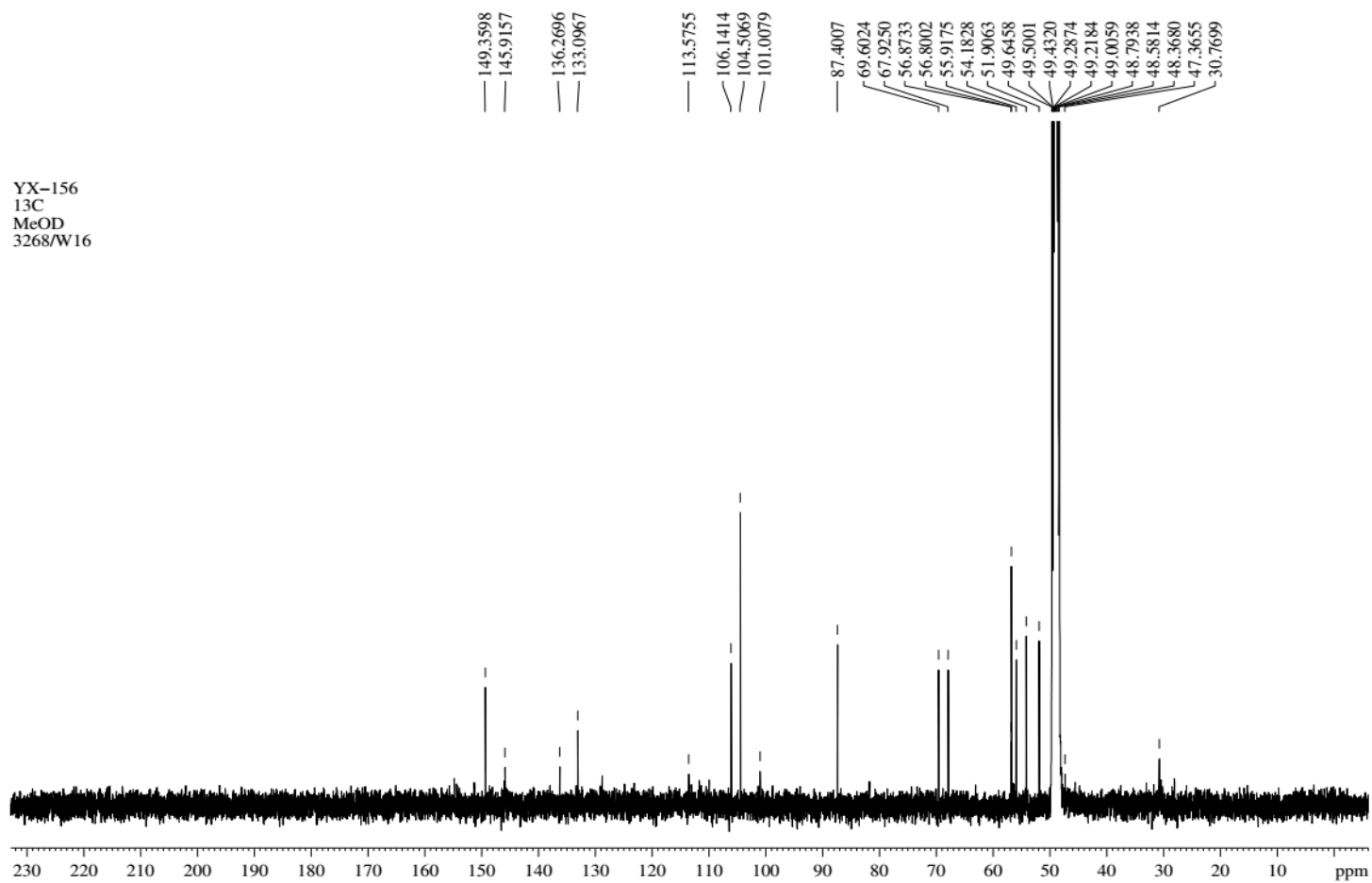


Figure S3: ¹³C-NMR (100 MHz, CD₃OD) Spectrum of **1** (melongenapanoid A)

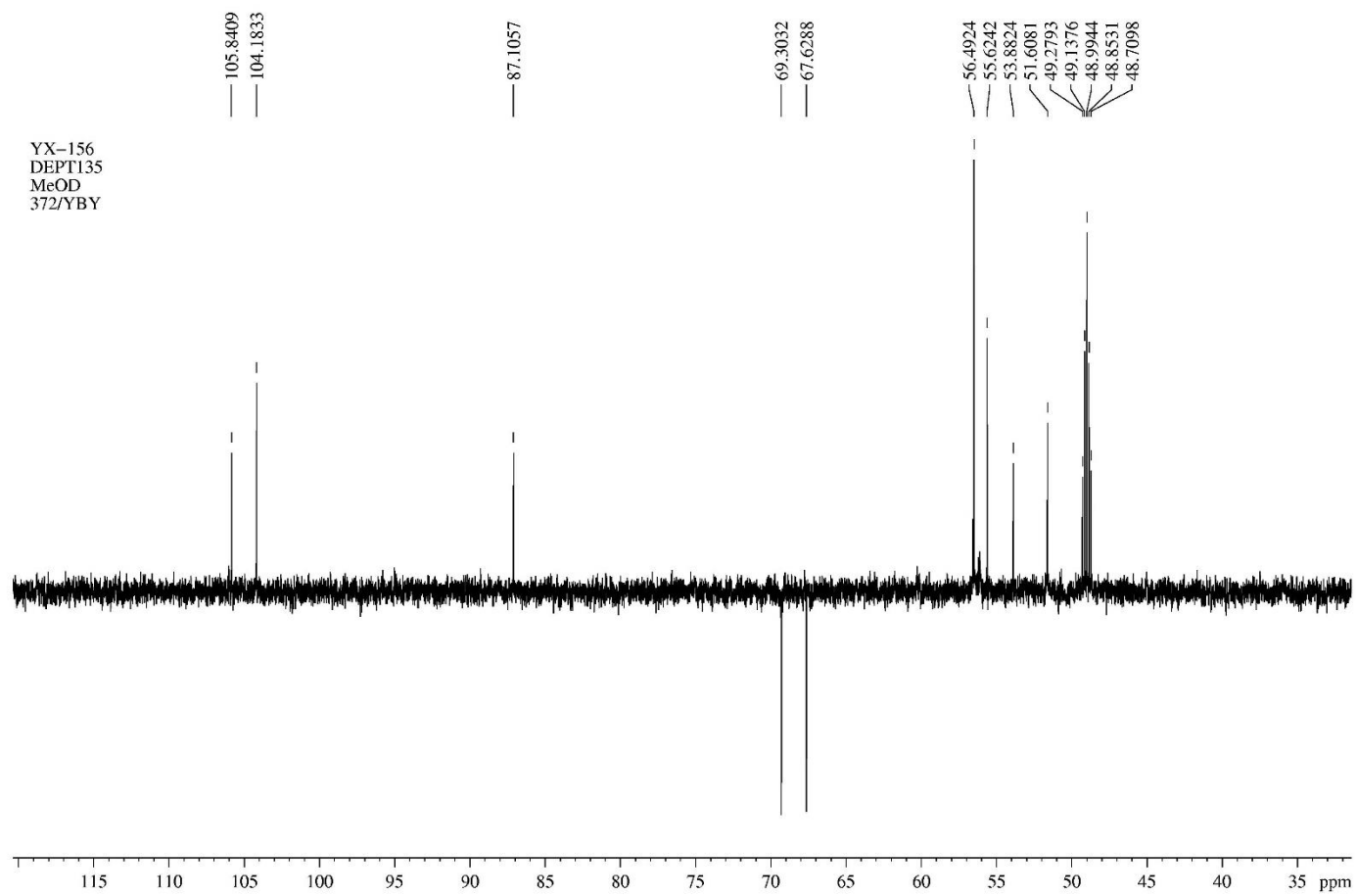


Figure S4: DEPT135 (100 MHz, CD₃OD) Spectrum of **1** (melongenapanoid A)

YX-156
HSQC
MeOD
374/YBY

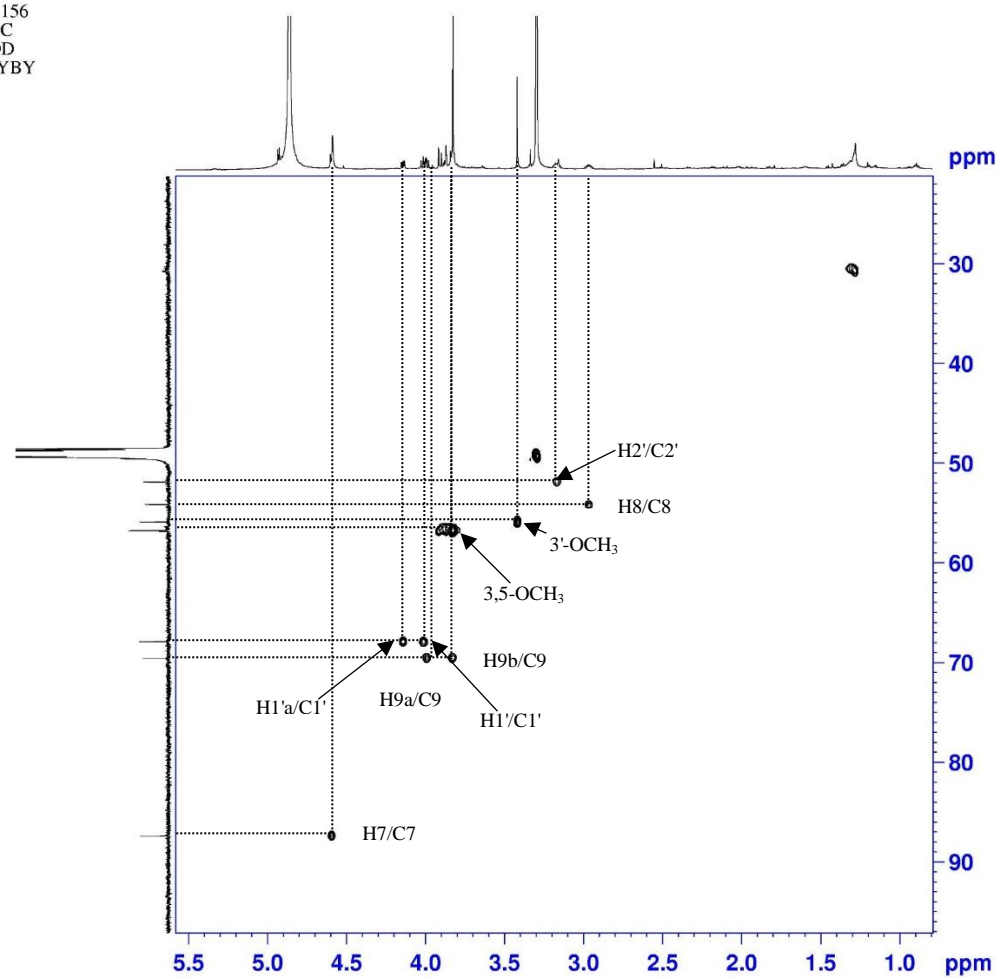


Figure S6: HSQC Spectrum of **1** (melongenapanoid A) (From δ_c 30 ppm to δ_c 90 ppm)

YX-156
HSQC
MeOD
374/YBY

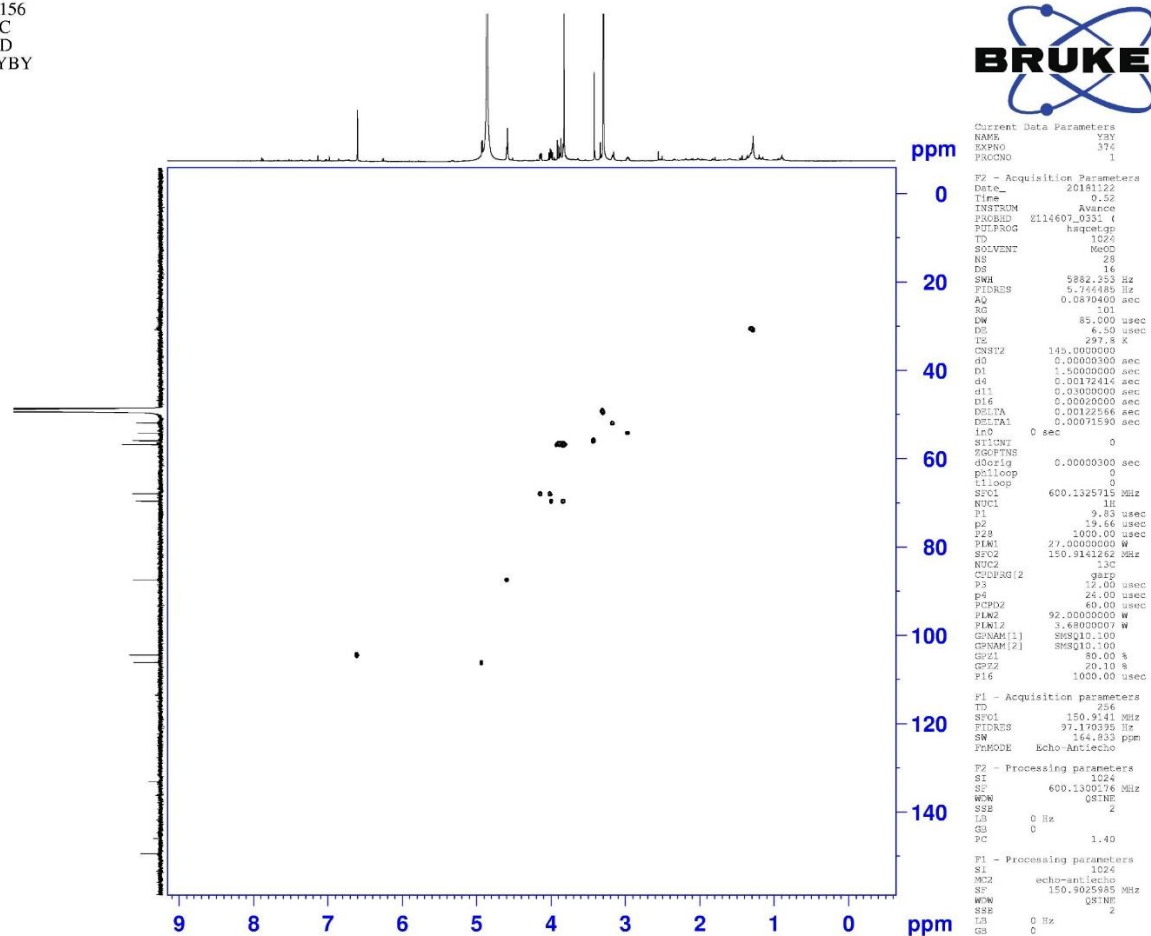


Figure S7: HMBC Spectrum of 1 (melongenapanoid A)

YX-156
HMBC
MeOD
375/YBY

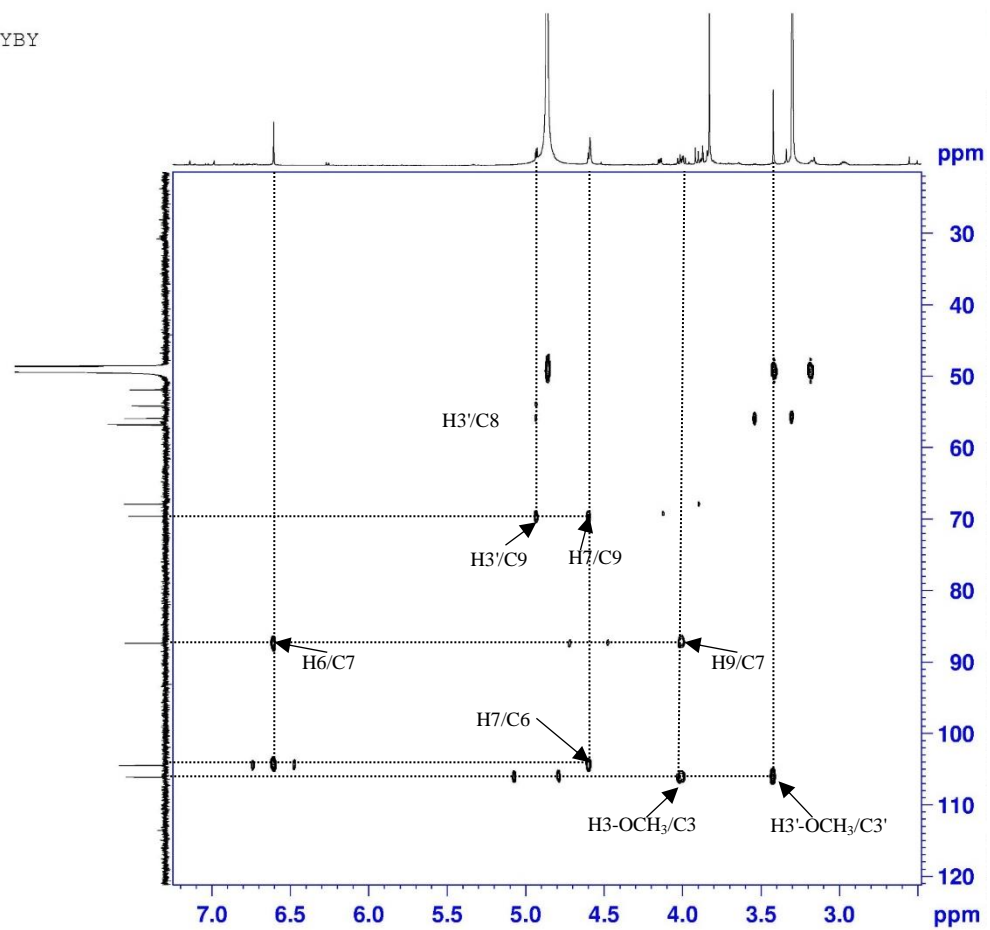


Figure S8: HMBC Spectrum of **1** (melongenapanoid A) (From δ_c 30 ppm to δ_c 120 ppm)

YX-156
COSY
MeOD
373/YBY

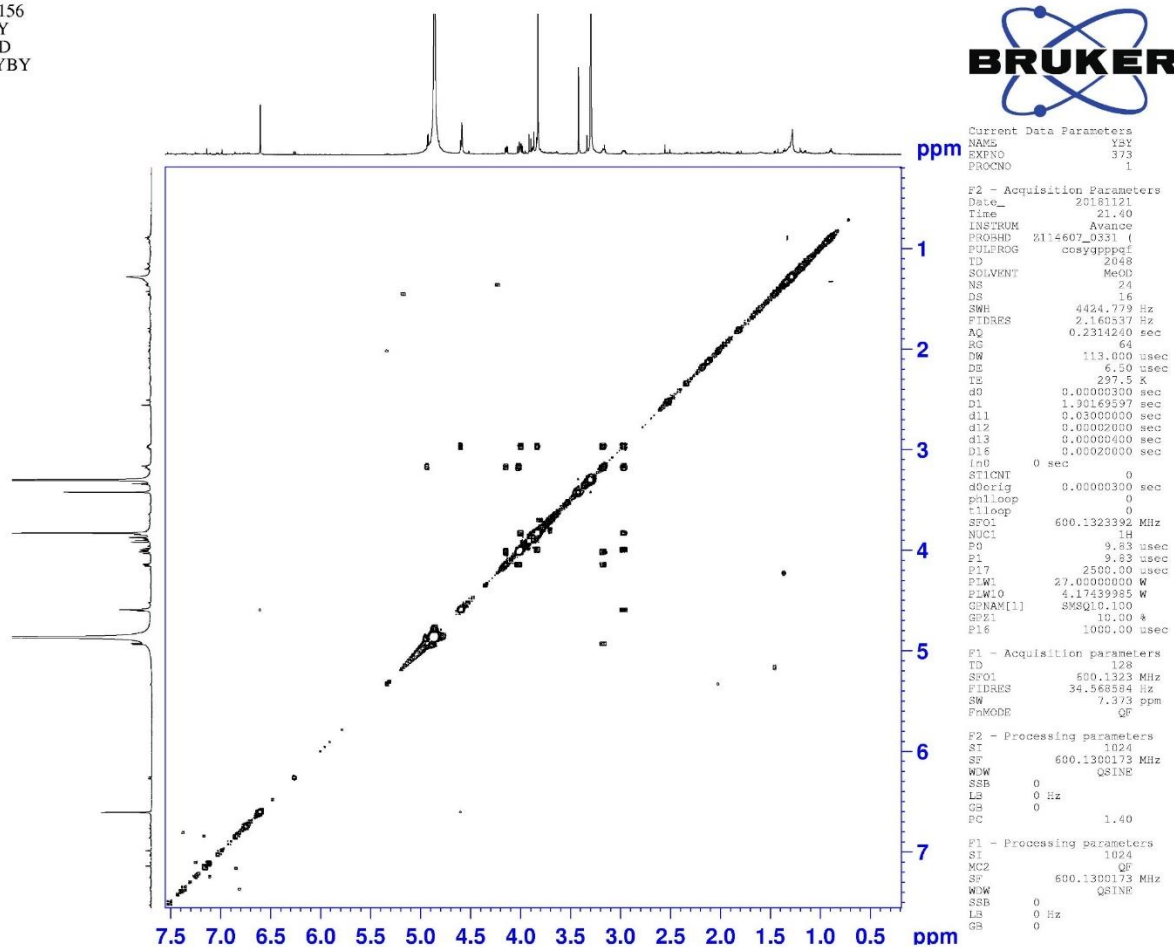


Figure S9: ^1H - ^1H COSY Spectrum of **1** (melongenapanoid A)

Title/Orig YX-156

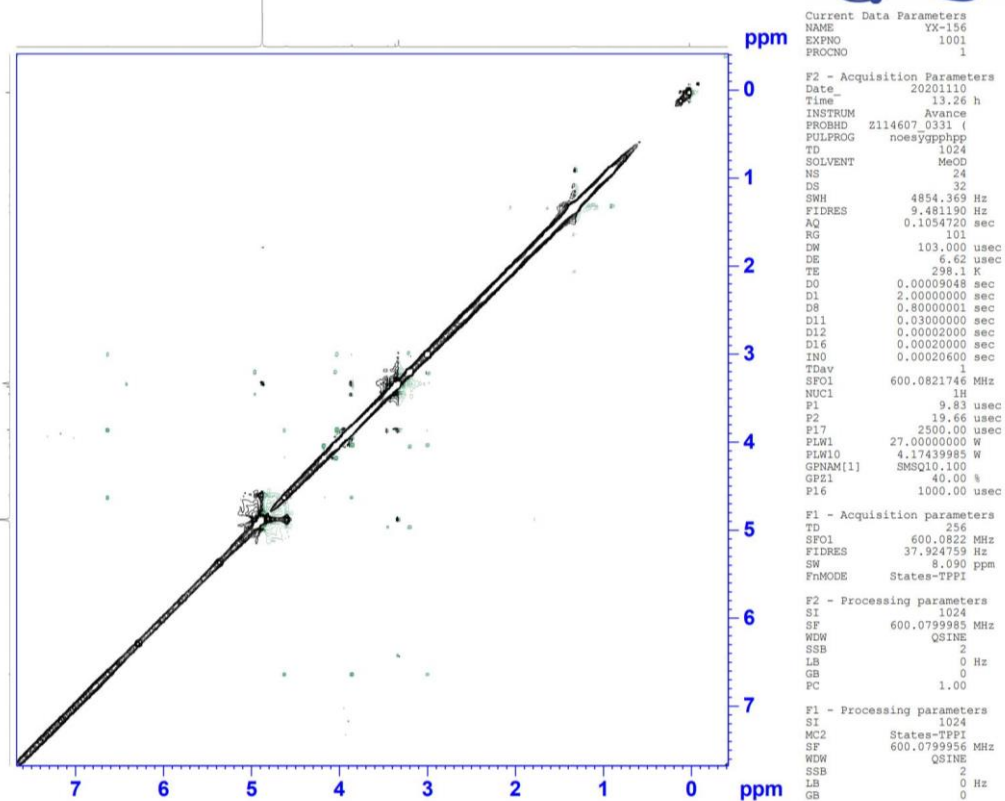


Figure S10: NOESY Spectrum of compound 1 (melongenapanoid A)

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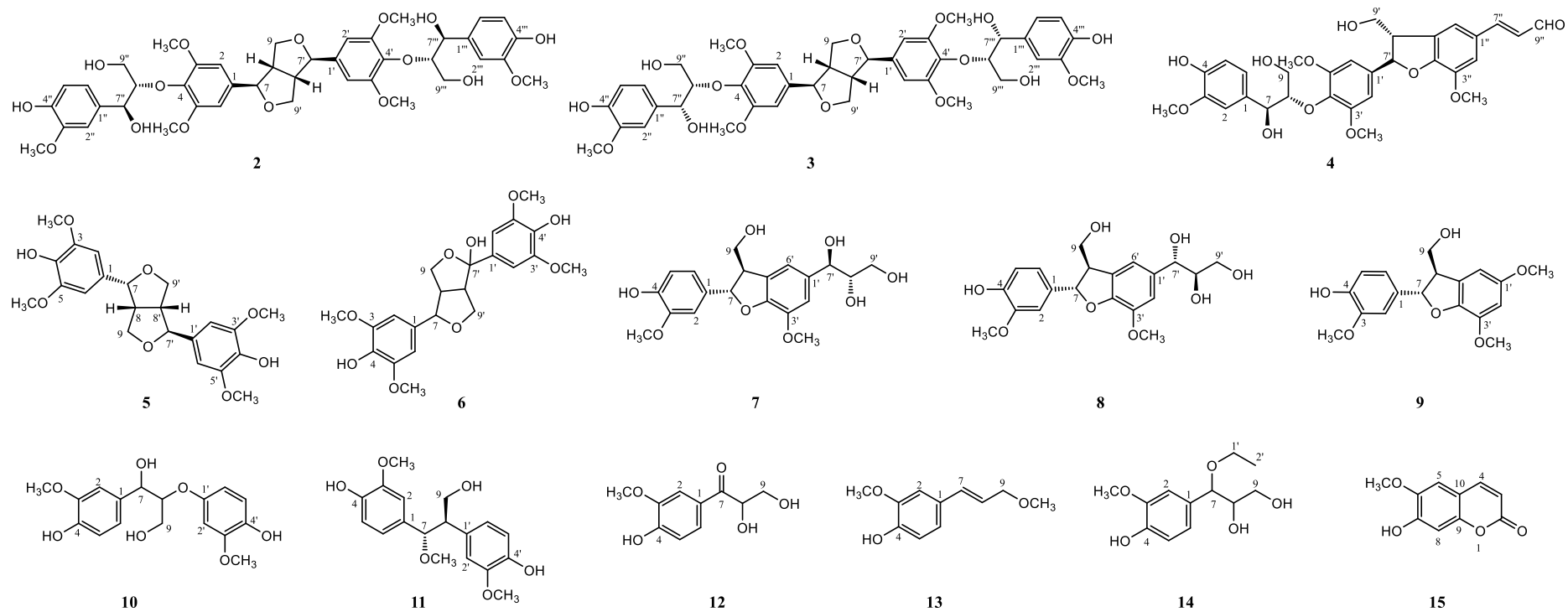


Figure S11: Chemical structures of compounds 2-15

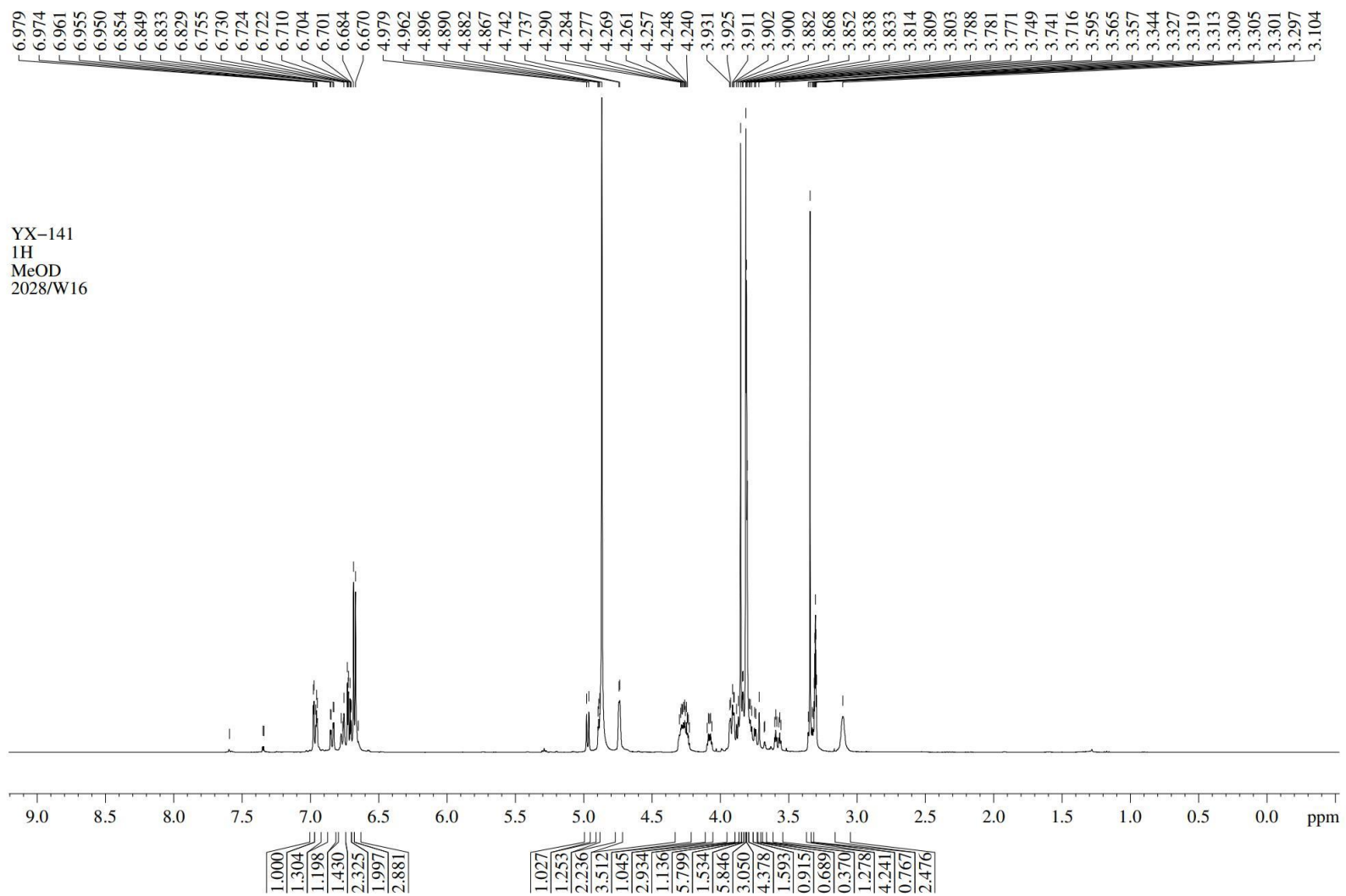


Figure S12: $^1\text{H-NMR}$ (400 MHz, CD_3OD) Spectrum of compound **3**

Table S1. ^{13}C -NMR data of **2-15** (100 MHz, CD_3OD)

NO.	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	139.1	138.9	133.7	130.6	133.0	134.7	134.7	132.7	133.8	132.7	128.1	130.3	132.2	
2	104.2	104.2	111.6	104.6	104.6	110.6	110.5	112.4	111.8	115.7	112.4	110.6	111.8	164.1
3	154.3	154.5	148.7	149.4	149.3	149.1	149.1	148.5	148.9	148.5	149.2	149.1	149.1	112.6
4	136.1	136.6	147.1	135.6	136.3	147.6	147.6	146.9	147.2	146.8	153.8	147.8	147.4	146.1
5	154.3	154.5	115.8	149.4	149.3	116.1	116.1	115.4	115.9	114.3	116.0	116.2	116.0	109.9
6	104.2	104.2	120.8	104.6	104.6	120.0	119.7	121.5	120.9	122.6	125.1	121.1	121.4	147.1
7	87.3	87.2	74.4	83.6	89.5	89.1	89.2	87.2	74.4	87.4	199.5	134.4	83.6	152.9
8	55.7	55.7	88.7	51.2	54.4	55.4	55.4	56.3	89.1	57.0	75.5	123.7	77.1	104.0
9	73.0	73.1	61.8	70.7	70.6	64.9	64.8	64.8	61.8	65.0	66.3	74.4	63.9	151.4
10														112.5
1'	139.1	138.9	137.0	133.2	129.6	137.0	136.9	148.7	142.4	132.6			65.2	
2'	104.2	104.2	103.9	104.1	105.4	112.6	112.7	107.8	101.7	115.5			15.6	
3'	154.3	154.5	154.4	149.2	149.1	145.3	145.3	148.7	154.8	148.3				
4'	136.1	136.6	139.0	136.3	136.7	148.9	148.9	135.1	152.9	146.0				
5'	154.3	154.5	154.4	149.2	149.1	129.8	129.8	131.8	107.9	112.3				
6'	104.2	104.2	103.9	104.1	105.4	116.6	116.6	107.8	122.0	121.6				
7'	87.3	87.2	89.6	89.5	111.8	75.4	75.4							
8'	55.7	55.7	55.0	55.7	58.0	77.6	77.6							
9'	73.0	73.1	64.6	72.1	71.4	64.3	64.3							
1''	133.8	133.4	129.9											
2''	111.6	111.4	114.3											
3''	148.7	148.6	146.1											
4''	147.1	146.9	152.8											
5''	115.8	115.6	130.9											
6''	120.8	120.7	120.0											
7''	74.0	74.0	155.9											
8''	87.3	88.8	127.3											
9''	61.8	61.7	196.1											
1'''	133.8	133.4												
2'''	111.6	111.4												
3'''	148.7	148.6												
4'''	147.1	146.9												
5'''	115.8	115.6												
6'''	120.8	120.7												
7'''	74.0	74.0												
8'''	87.3	88.8												