

Electronic Supplementary Information for

Michellamines A₆ and A₇, and further mono- and dimeric naphthylisoquinoline alkaloids from a Congolese *Ancistrocladus liana* and their antiausterity activities against pancreatic cancer cells

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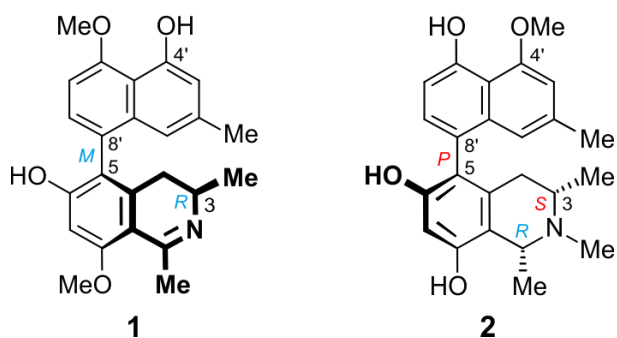


Fig. S1 Structures of the already known naphthylisoquinolines ancistroltikokine F (**1**) and korupensamine D (**2**).

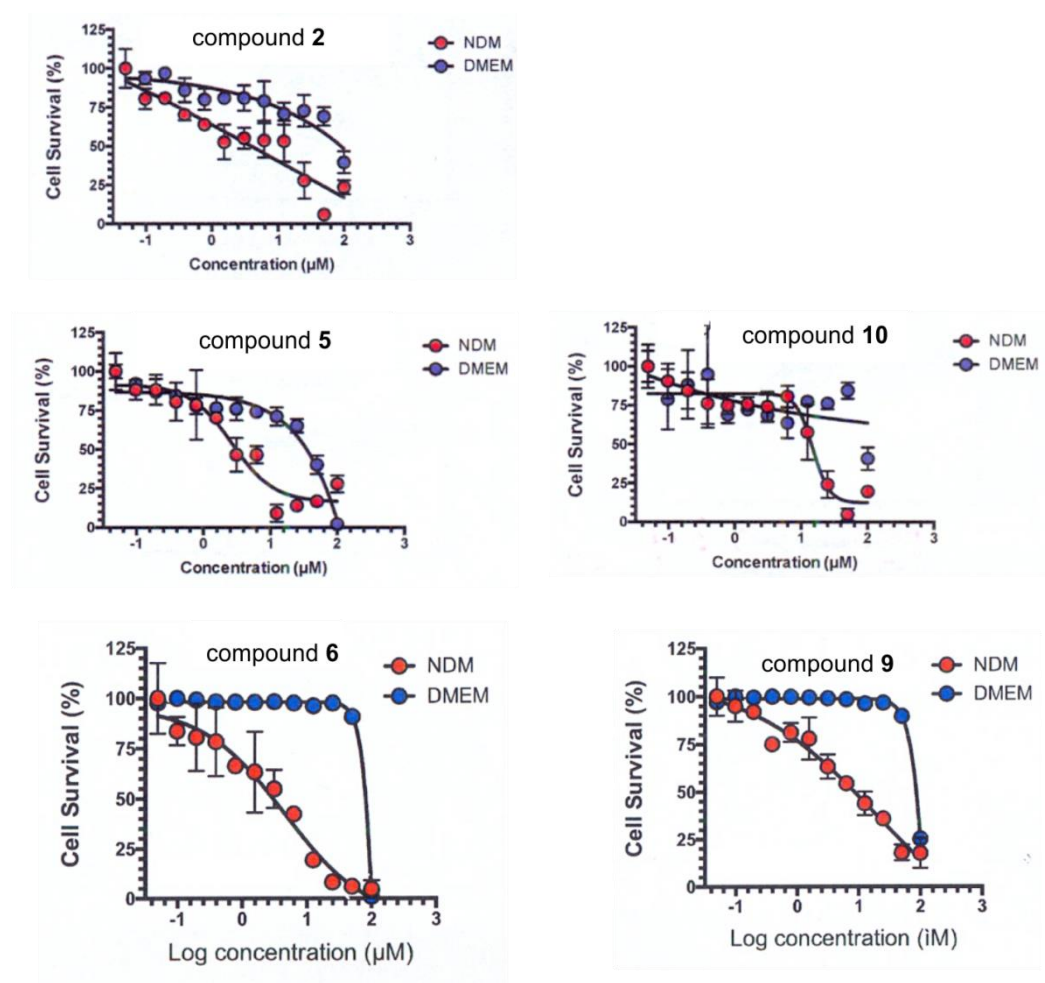


Fig. S2 Preferential cytotoxic activity of michellamines A₇ (**2**), A₂ (**9**), and E (**10**), and ancistrobansolines A₁ (**5**) and A₂ (**6**) against the PANC-1 human pancreatic cancer cell line in nutrient-deprived medium (NDM) and Dulbecco's modified Eagle's medium (DMEM)

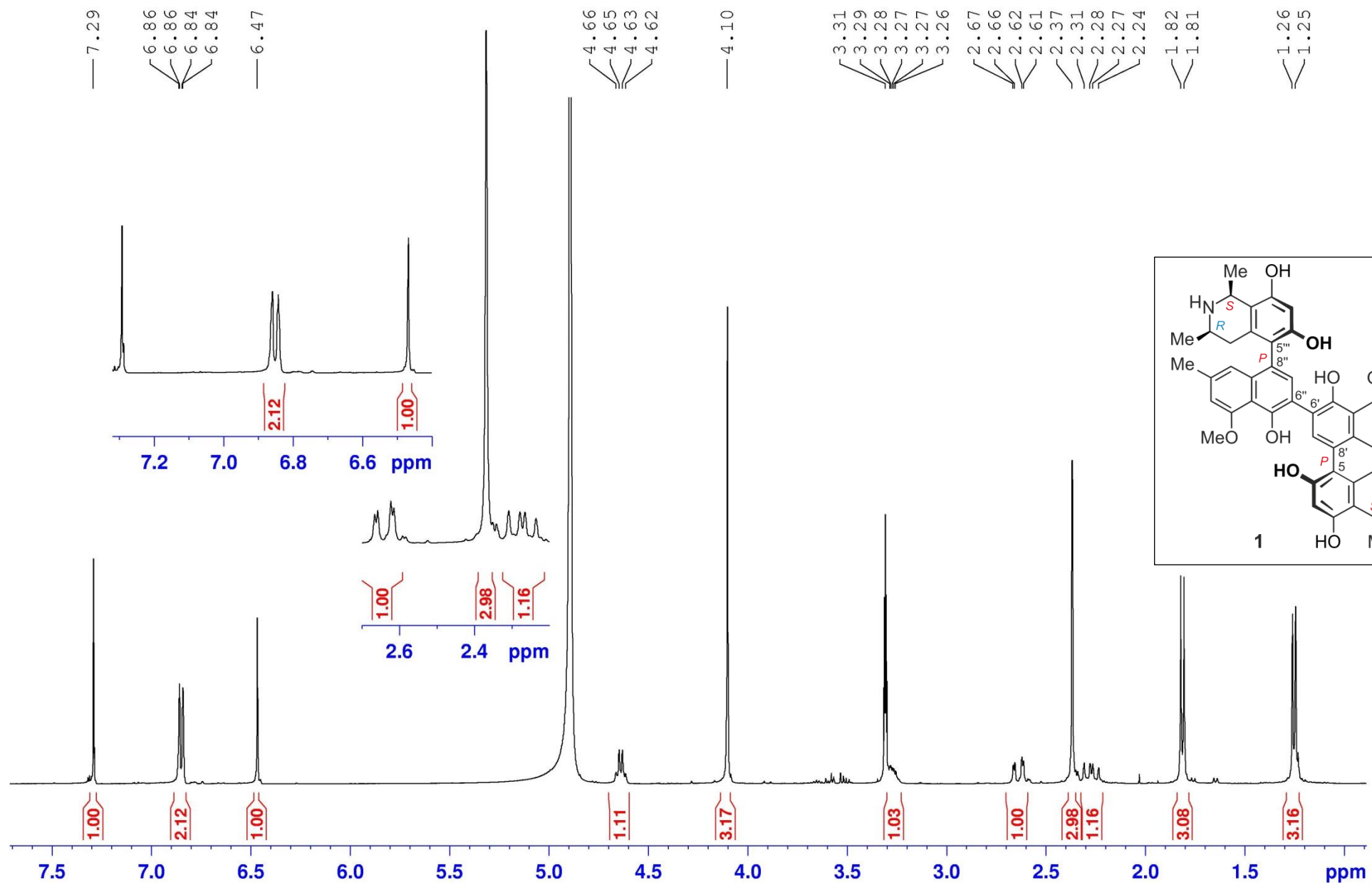


Fig. S3 ¹H NMR spectrum of compound **1** in methanol-*d*₄

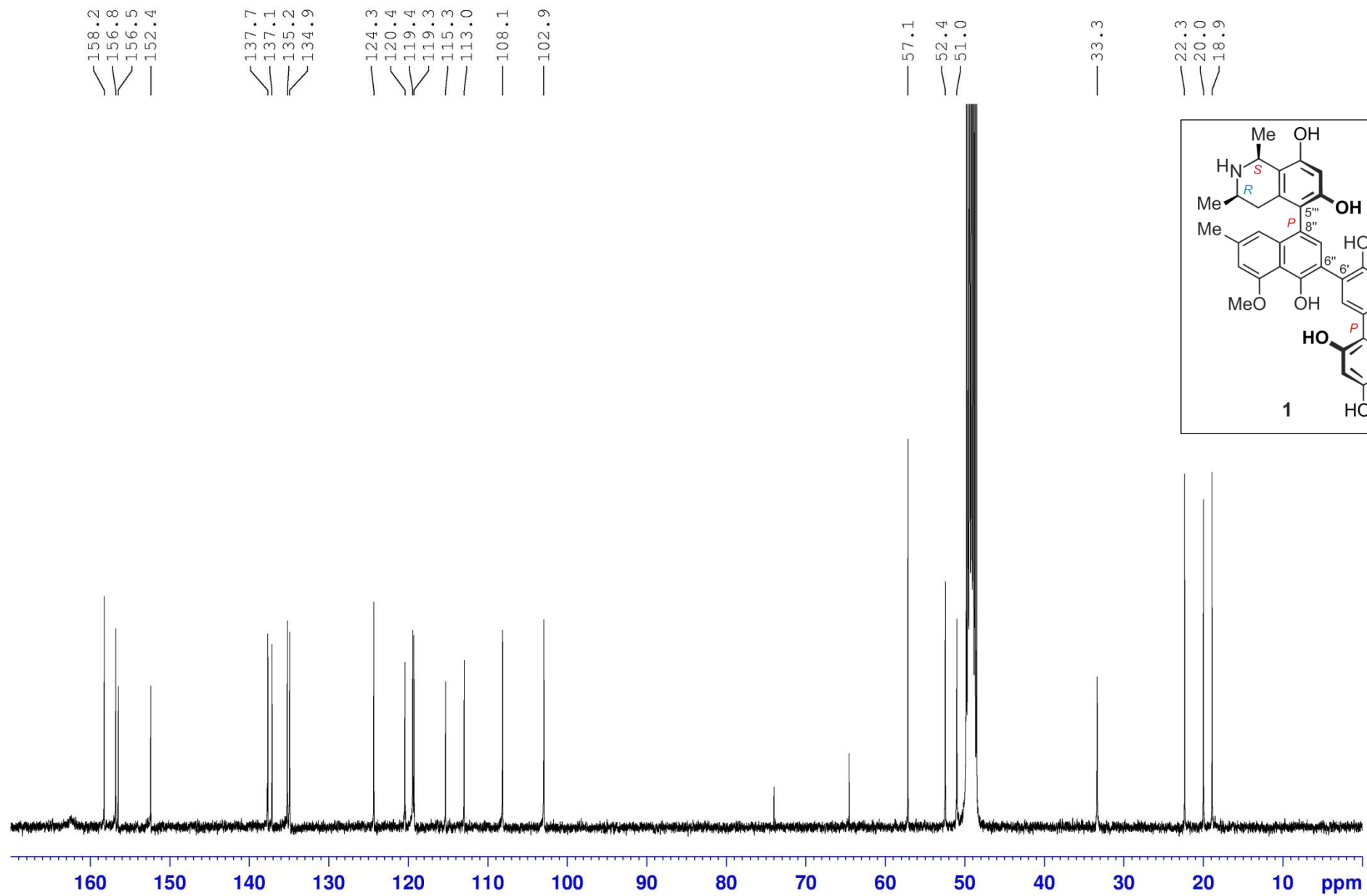


Fig. S4 ^{13}C NMR spectrum of compound **1** in methanol- d_4

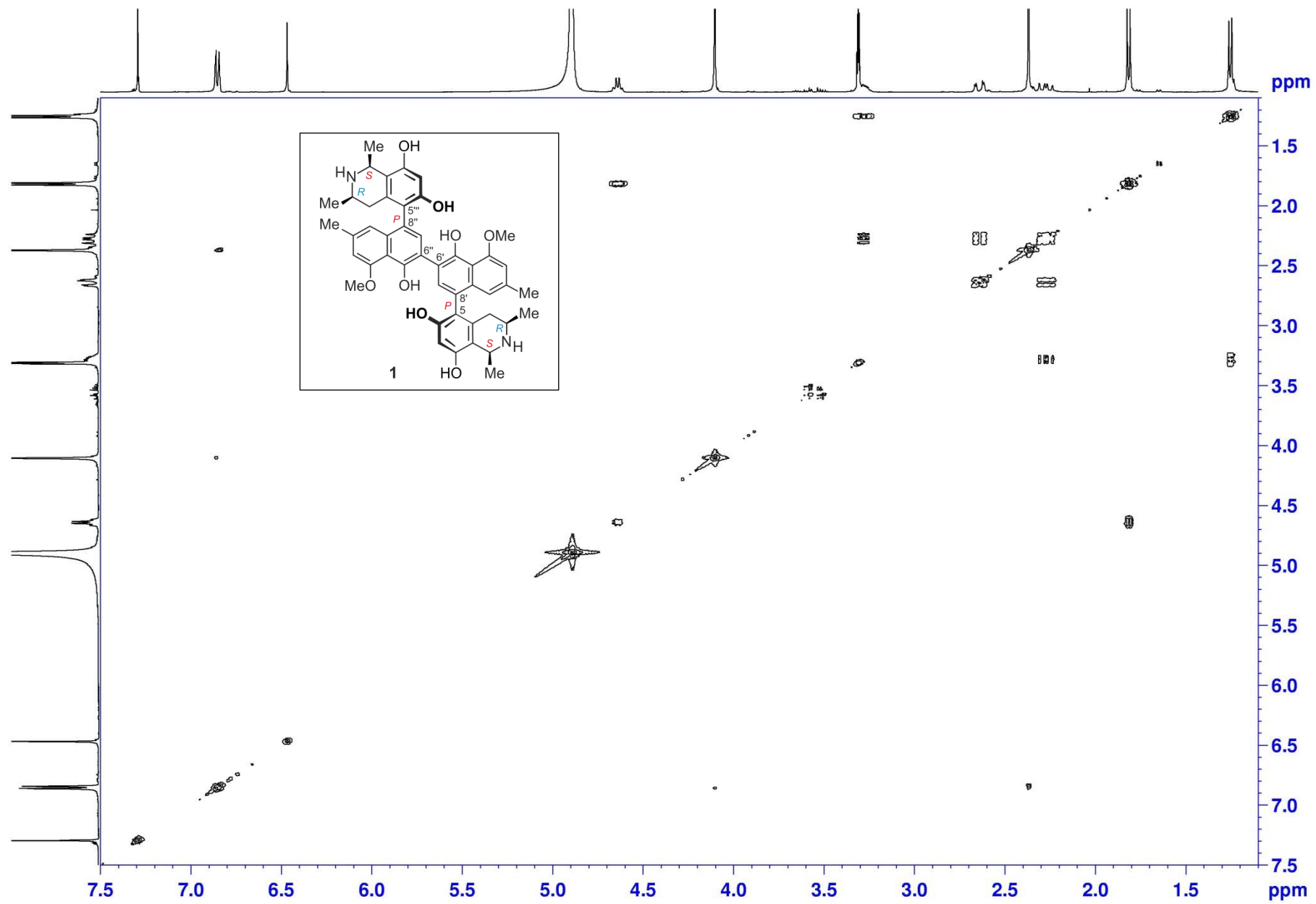


Fig. S6 COSY NMR spectrum of compound **1** in methanol- d_4

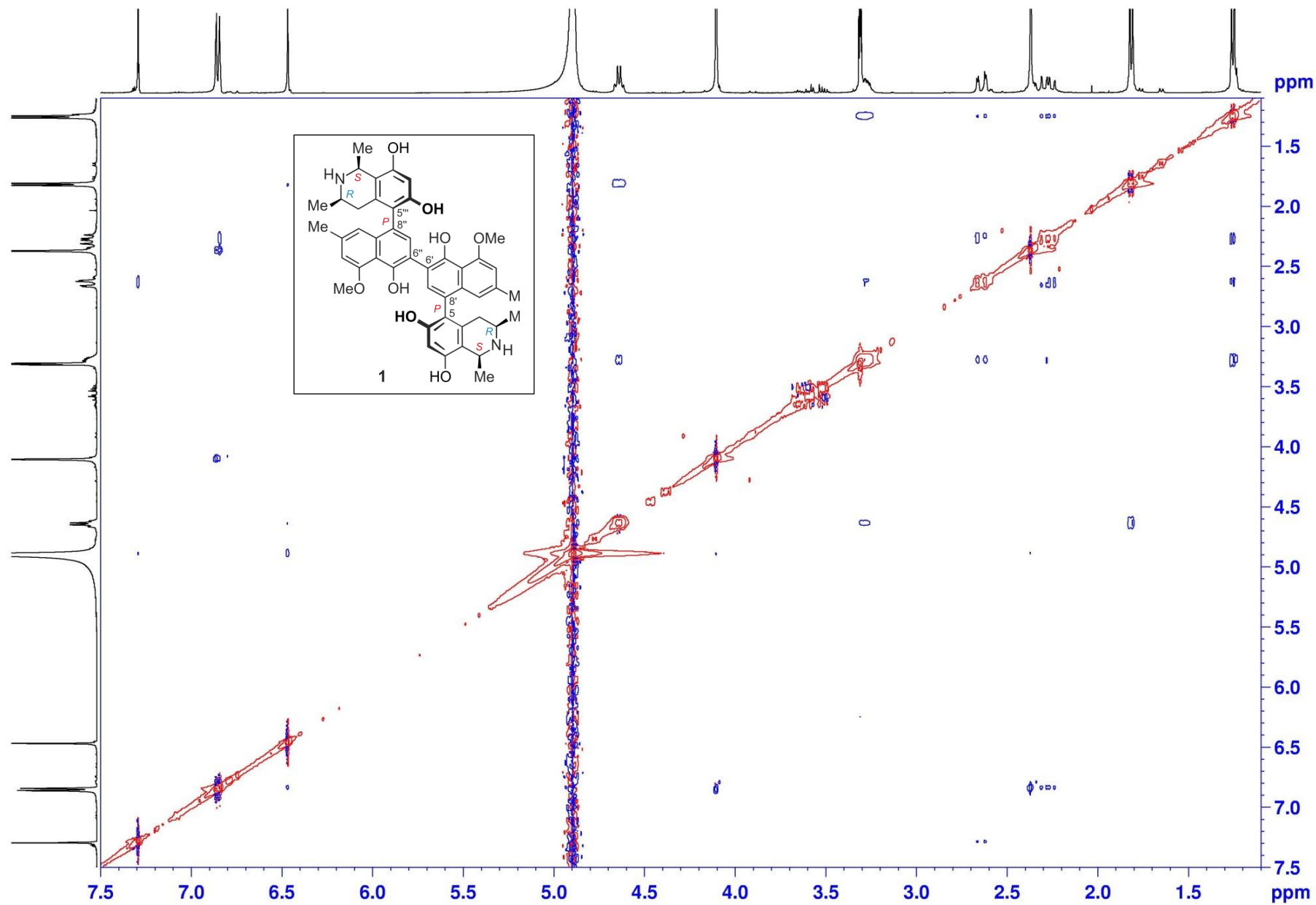


Fig. S7 NOESY NMR spectrum of compound 1 in methanol- d_4

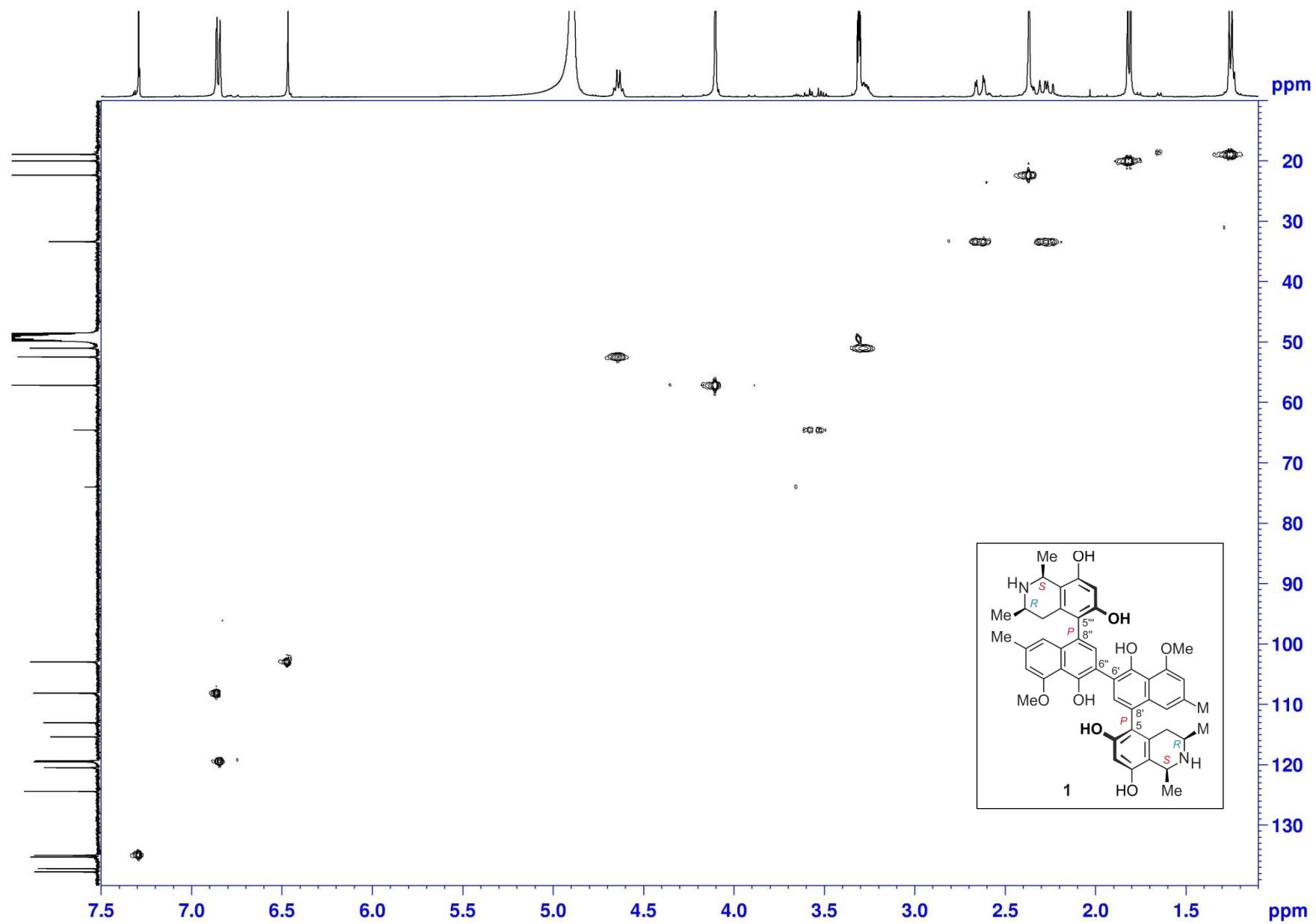


Fig. S8 HSQC NMR spectrum of compound **1** in methanol- d_4

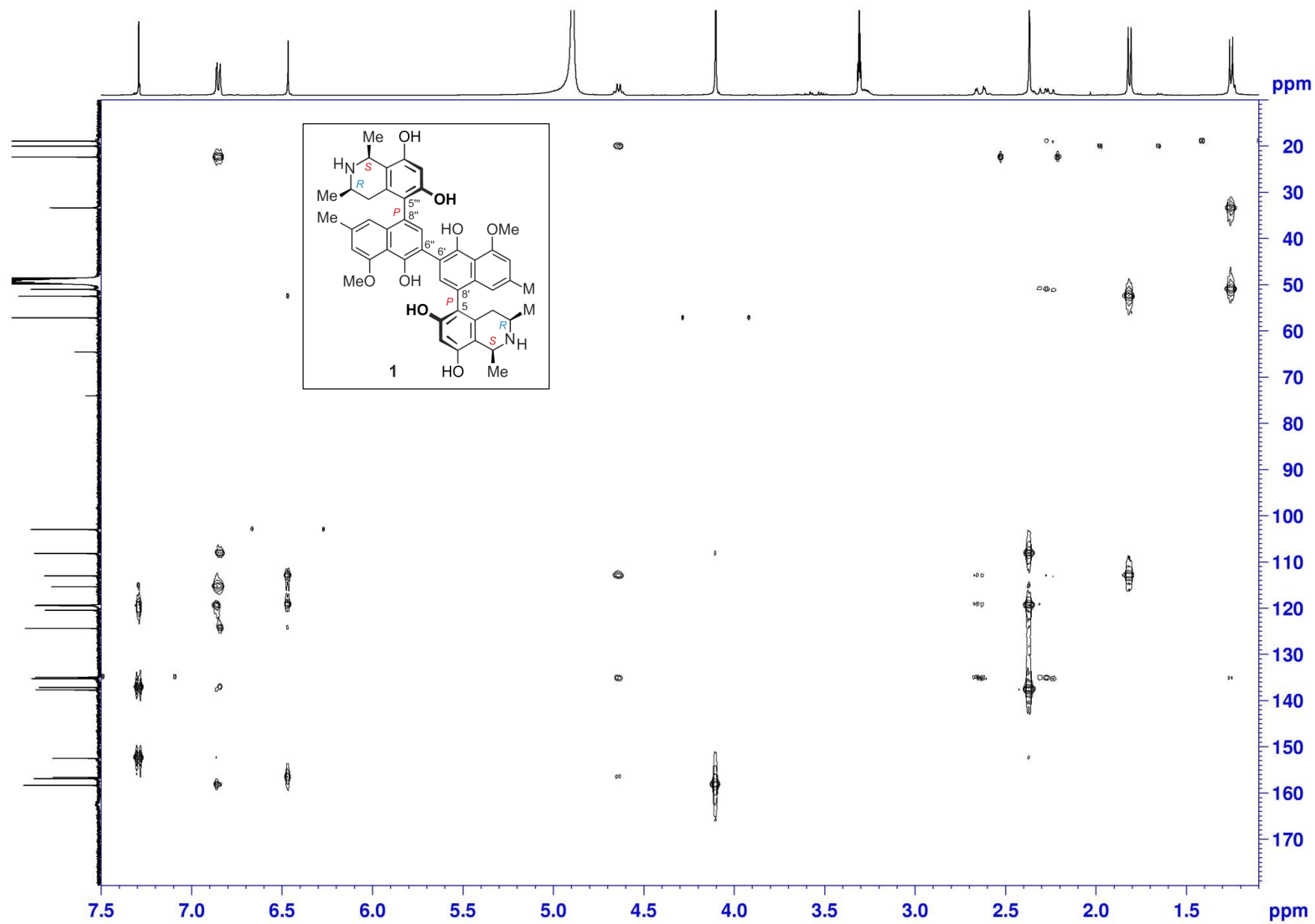


Fig. S9 HMBC NMR spectrum of compound **1** in methanol-*d*₄

Mass Spectrum Molecular Formula Report

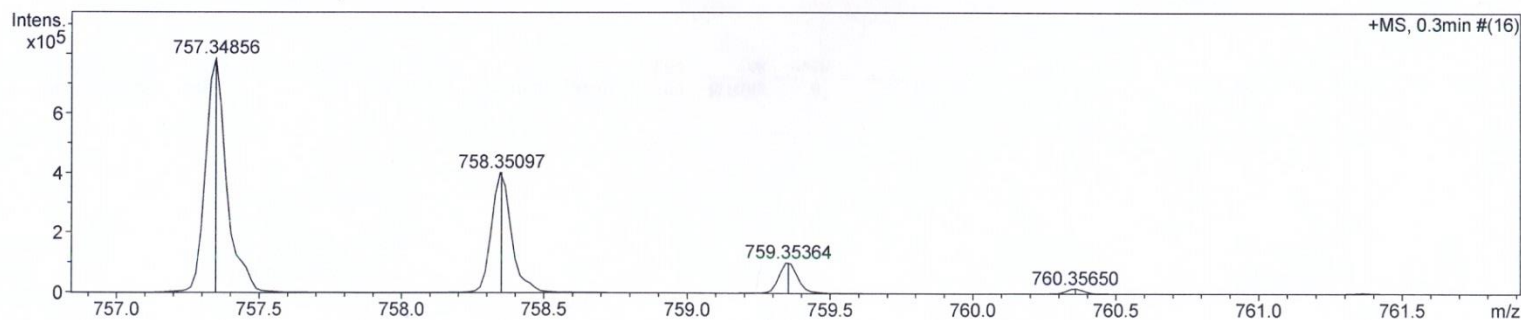
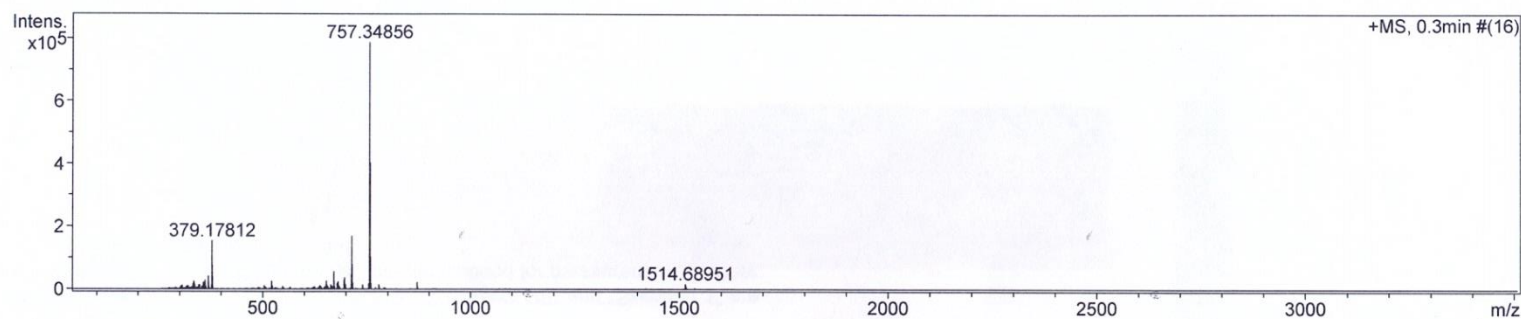
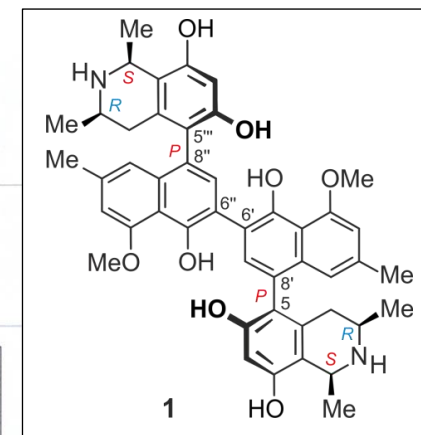
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 Method esi_tune_pos_wide.m
 Comment Blaise Kimbadi Lombe
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 8 pmol/ μ l in MeOH

Acquisition Date 14.12.2015 13:25:13
 Operator Administrator
 Instrument micrOTOF 88

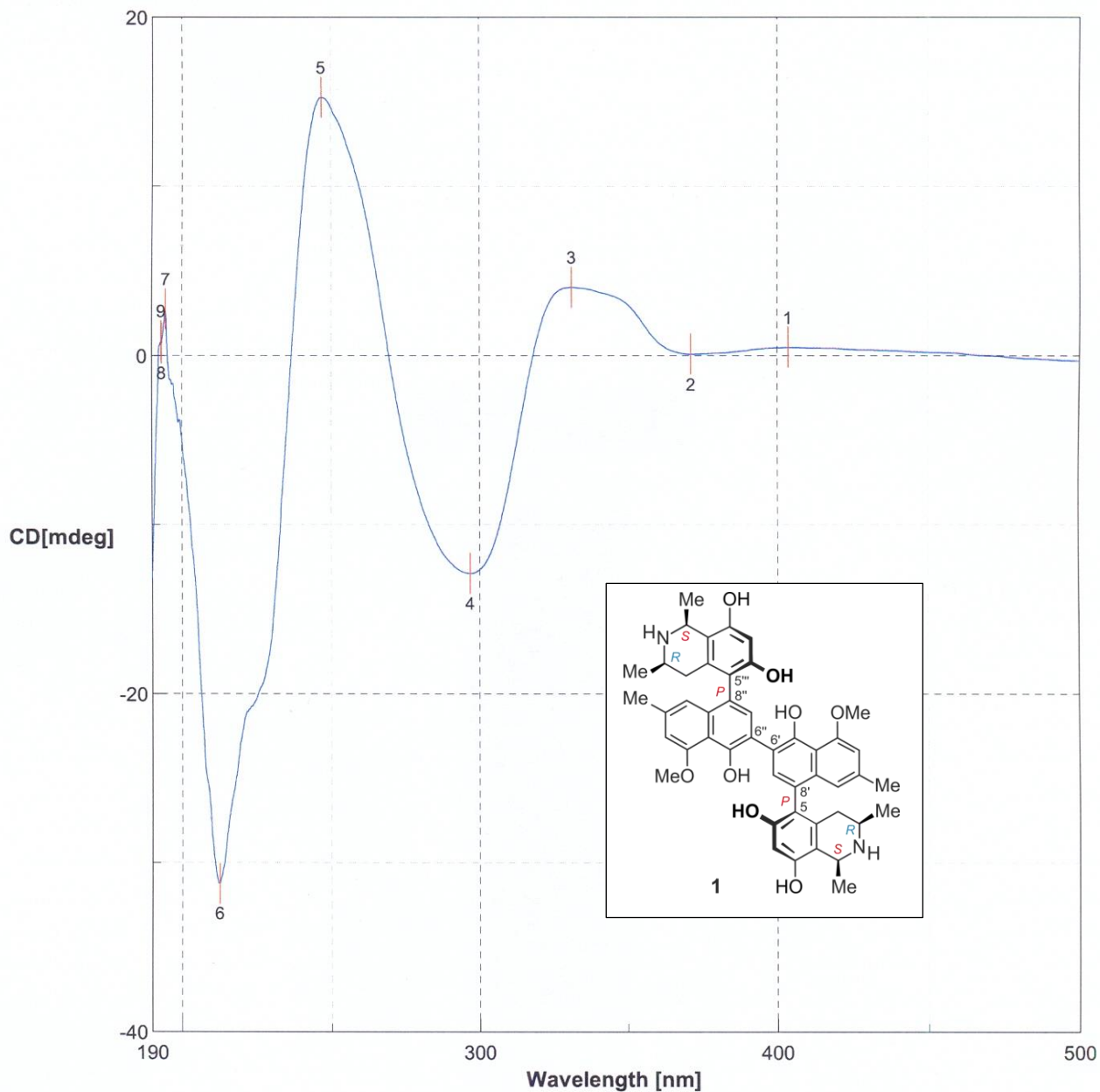
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Scan End	3500 m/z	Skimmer 1	50.0 V	Set Reflector	1700 V
		Hexapole 1	23.0 V	Set Flight Tube	8600 V
				Set Detector TOF	2140 V



Sum Formula	Sigma	m/z	Err [ppm]	Mean Err [ppm]	rdB	N Rule	e ⁻
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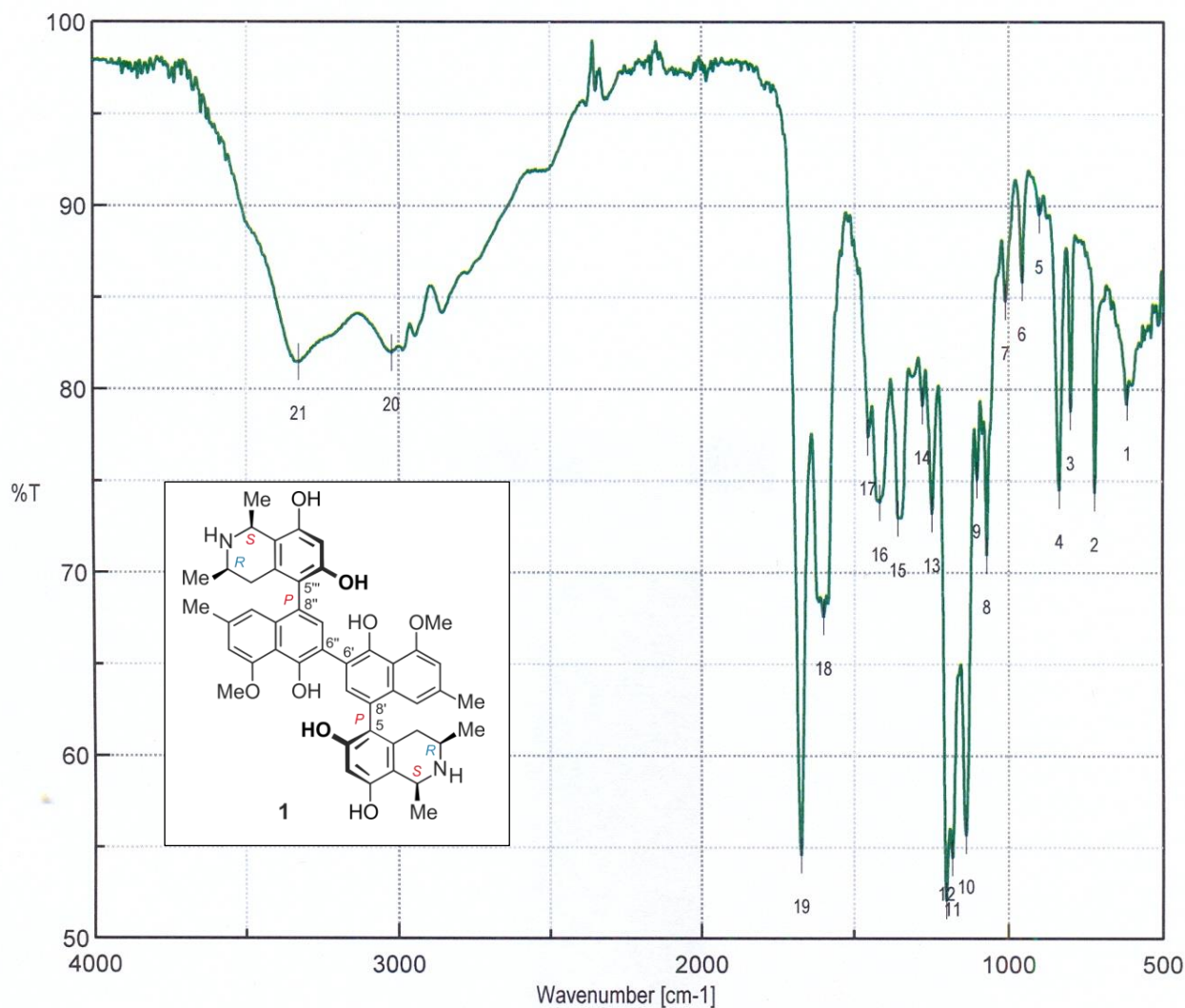
Fig. S10 HRESIMS spectrum of compound 1



Date/Time 22.12.2015 16:21
 Operator Kimbadi
 File Name BO3-H2O-4#005.jws
 Sample Name BO3-H2O-4
 Comment offline

No.	nm	CD[mdeg]	No.	nm	CD[mdeg]	No.	nm	CD[mdeg]
1	403.6	0.467302	2	371.2	0.0578394	3	331.1	4.01686
4	296.8	-12.8825	5	246.7	15.2553	6	212.4	-31.2292
7	194.6	2.7439	8	193.2	0.727451	9	193.1	0.852667

Fig. S11 CD spectrum of compound 1 in methanol



Results of Peak Find

No.	Position	Intensity	No.	Position	Intensity
1	617.109	79.2789	2	722.211	74.3236
3	799.35	78.7506	4	835.99	74.4534
5	901.558	89.4596	6	956.52	85.8008
7	1009.55	84.7557	8	1071.26	70.8984
9	1102.12	75.0456	10	1137.8	55.6355
11	1181.19	54.3946	12	1200.47	52.0827
13	1248.68	73.1612	14	1279.54	79.0713
15	1358.6	72.9091	16	1418.39	73.7761
17	1455.99	77.3635	18	1599.66	67.5549
19	1671.98	54.5506	20	3022.87	81.9626
21	3328.53	81.4322			

[Comments]

Sample name BO3-H2O-4
 Comment drop(MeOH)
 User Kimbadi
 Division AK Bringmann
 Company Uni Würzburg

[Measurement Information]

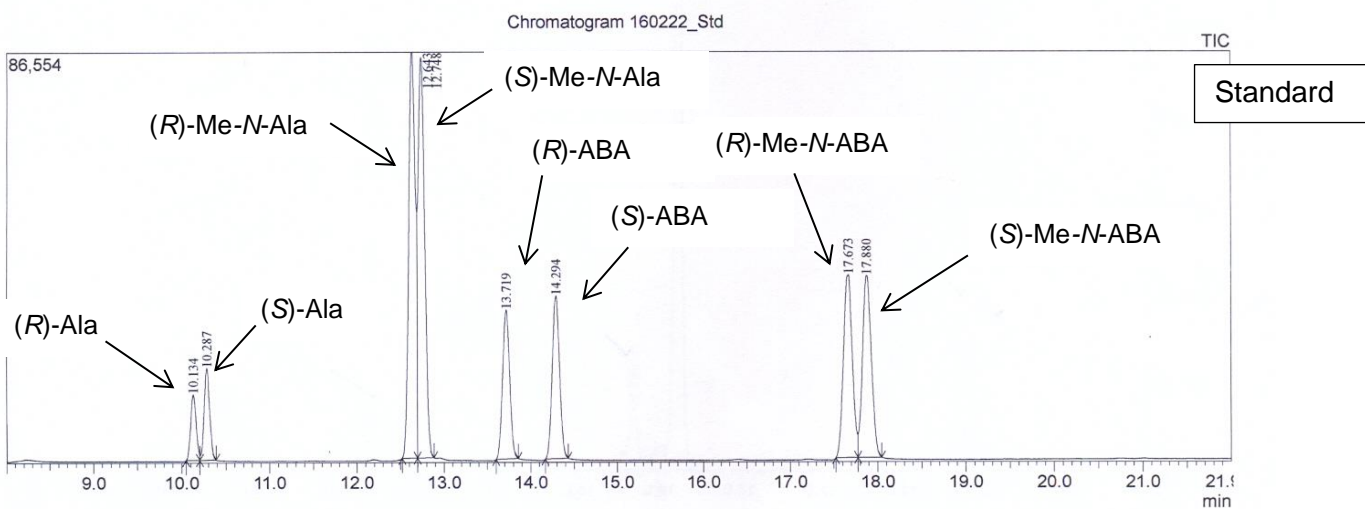
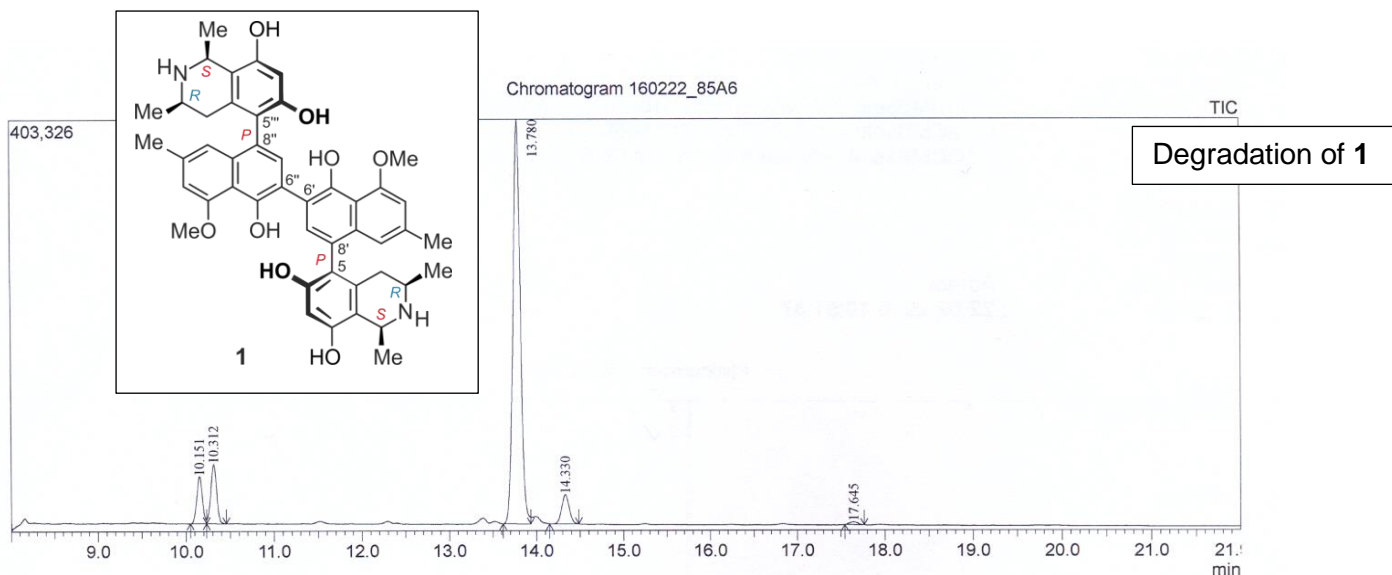
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 Serial Number D063461786

Accessory ATR PRO ONE
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 Incident angle 45 deg

Measurement Date 20.12.2017 14:11

Light Source Standard
 Detector TGS
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 Resolution 4 cm-1
 Zero Filling On
 Apodization Cosine
 Gain Auto (4)
 Aperture Auto (7.1 mm)
 Scanning Speed Auto (2 mm/sec)
 Filter Auto (30000 Hz)

Fig. S12 IR spectrum of compound 1



Where: Ala = alanine; Me-N-Ala = *N*-methylalanine;
 ABA = 3-aminobutyric acid; Me-N-ABA = *N*-methyl 3-aminobutyric acid

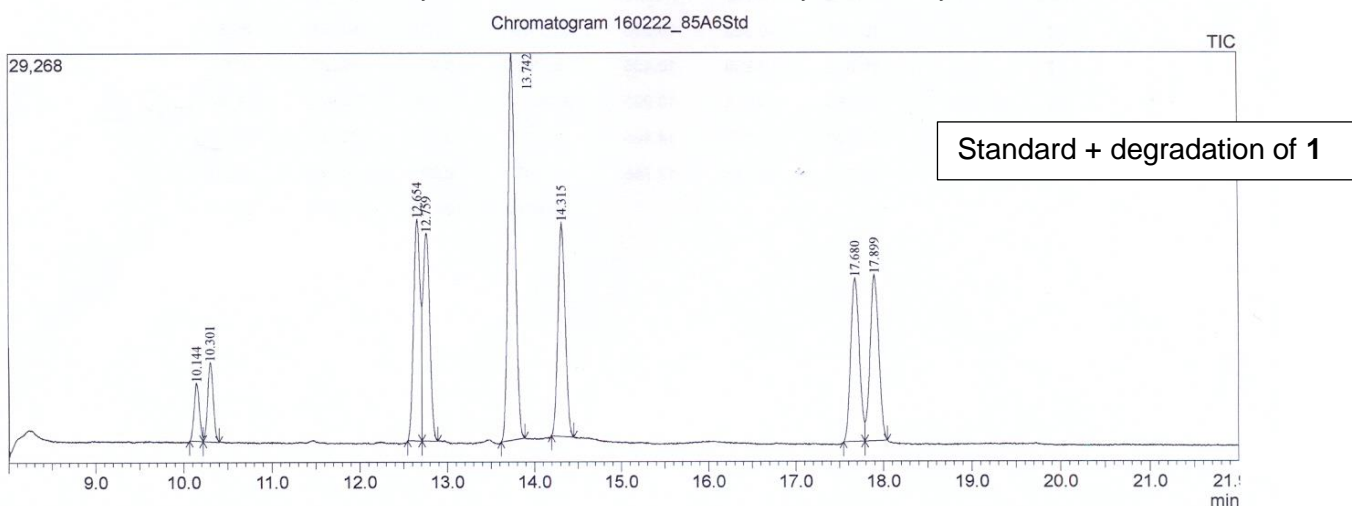


Fig. S13 Results of the oxidative degradation of compound **1**

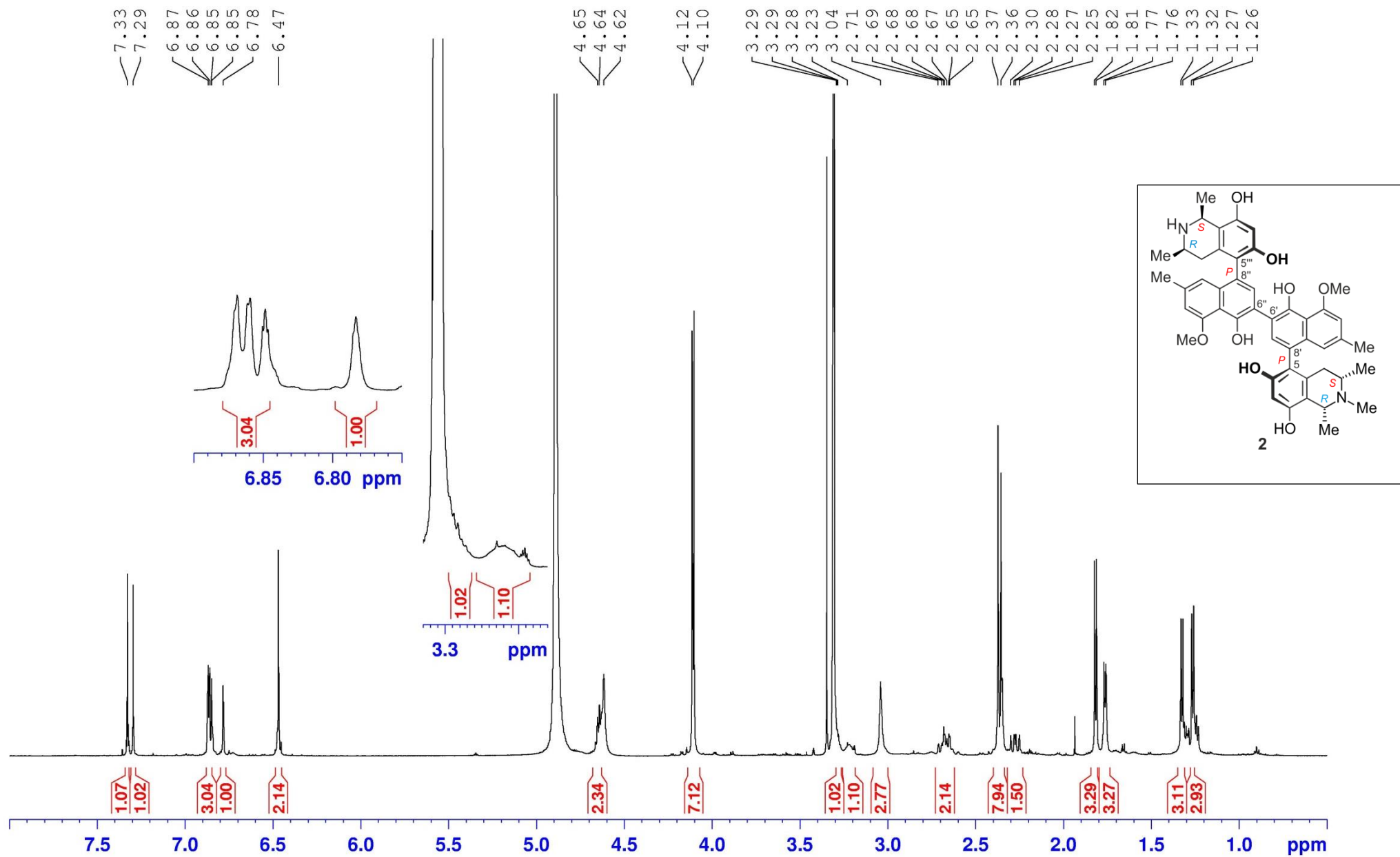


Fig. S14 ^1H NMR spectrum of compound 2 in methanol- d_4

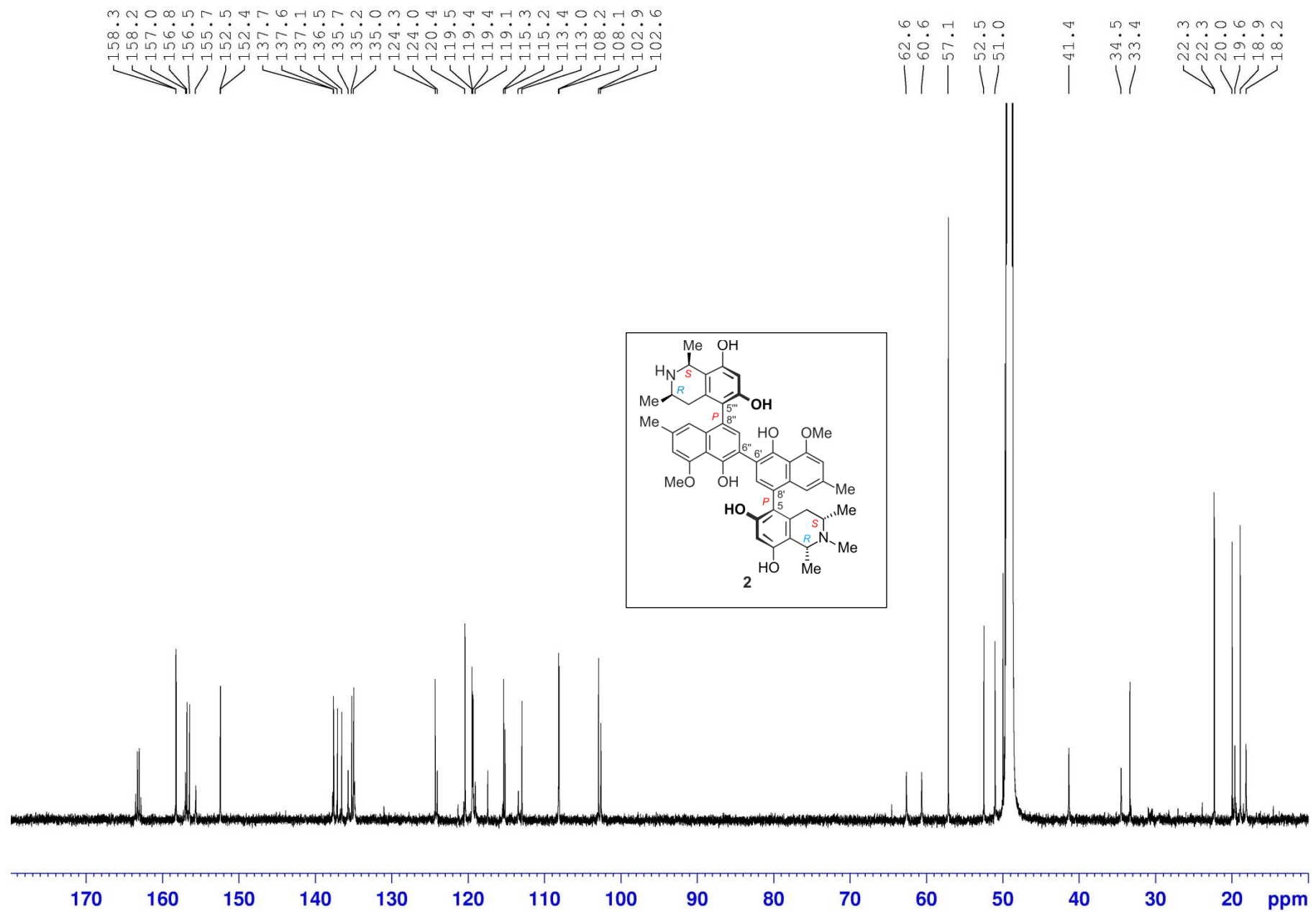


Fig. S15 ^{13}C NMR spectrum of compound **2** in methanol- d_4

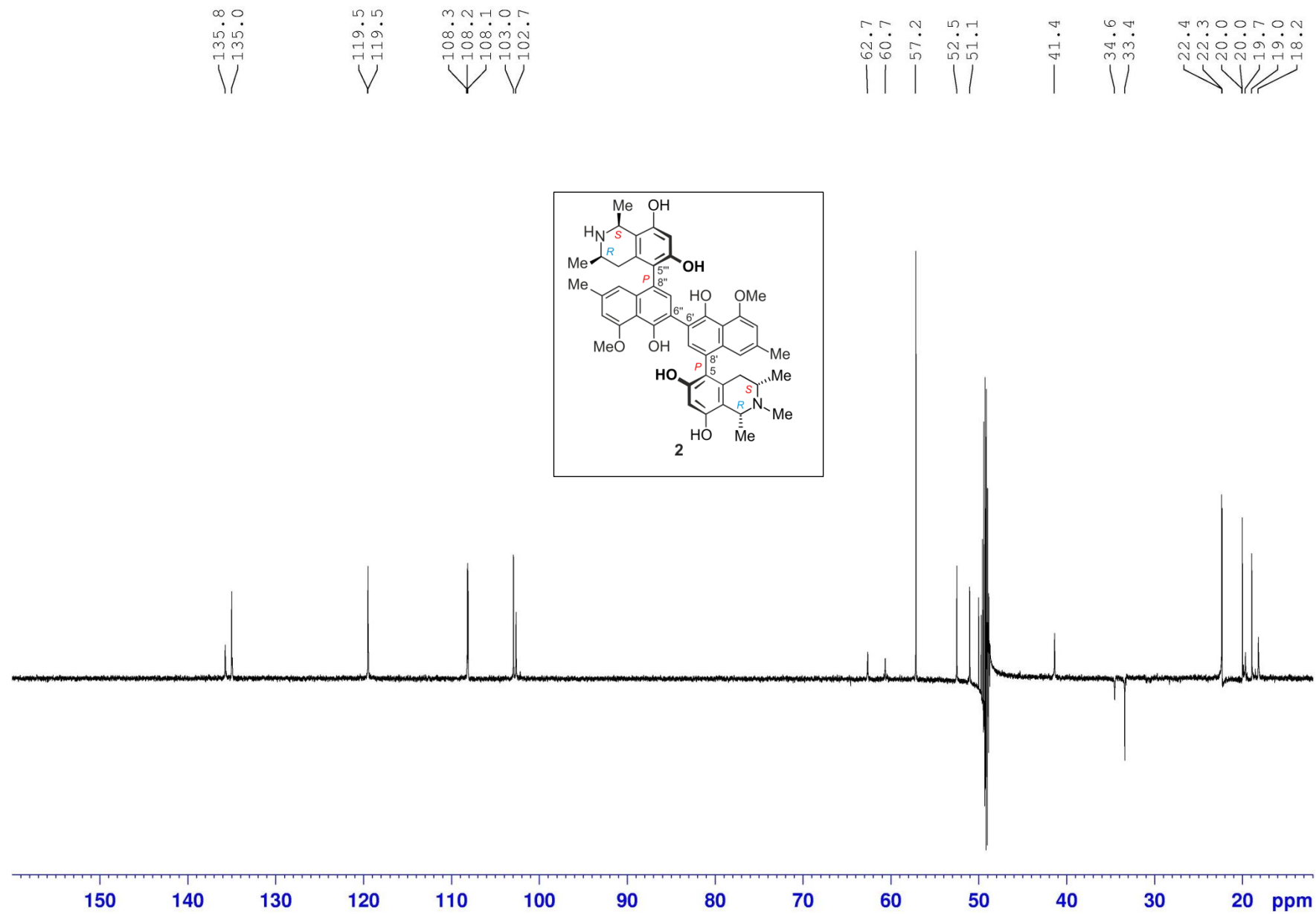


Fig. S16 DEPT-135 NMR spectrum of compound **2** in methanol-*d*₄

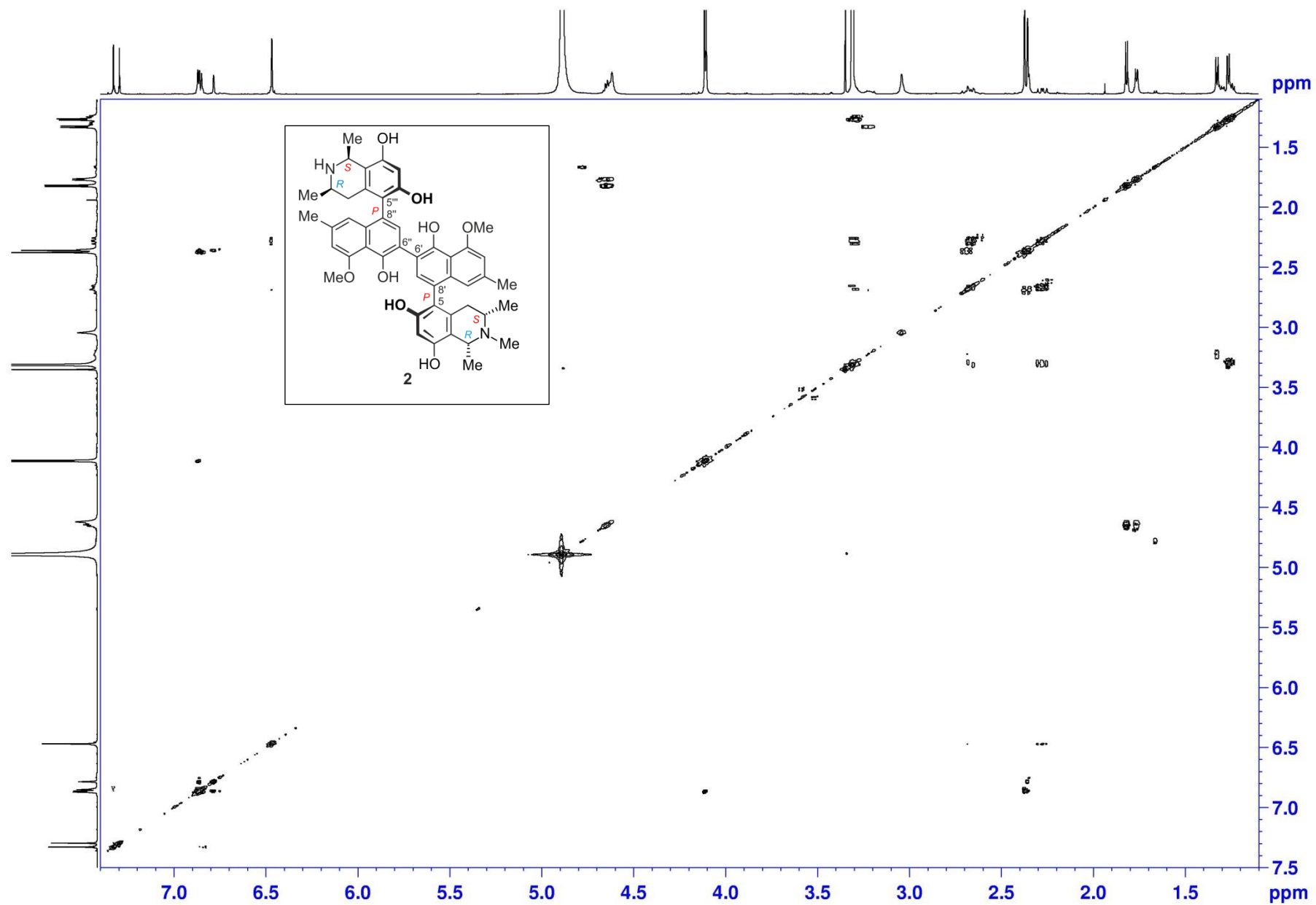


Fig. S17 COSY NMR spectrum of compound **2** in methanol- d_4

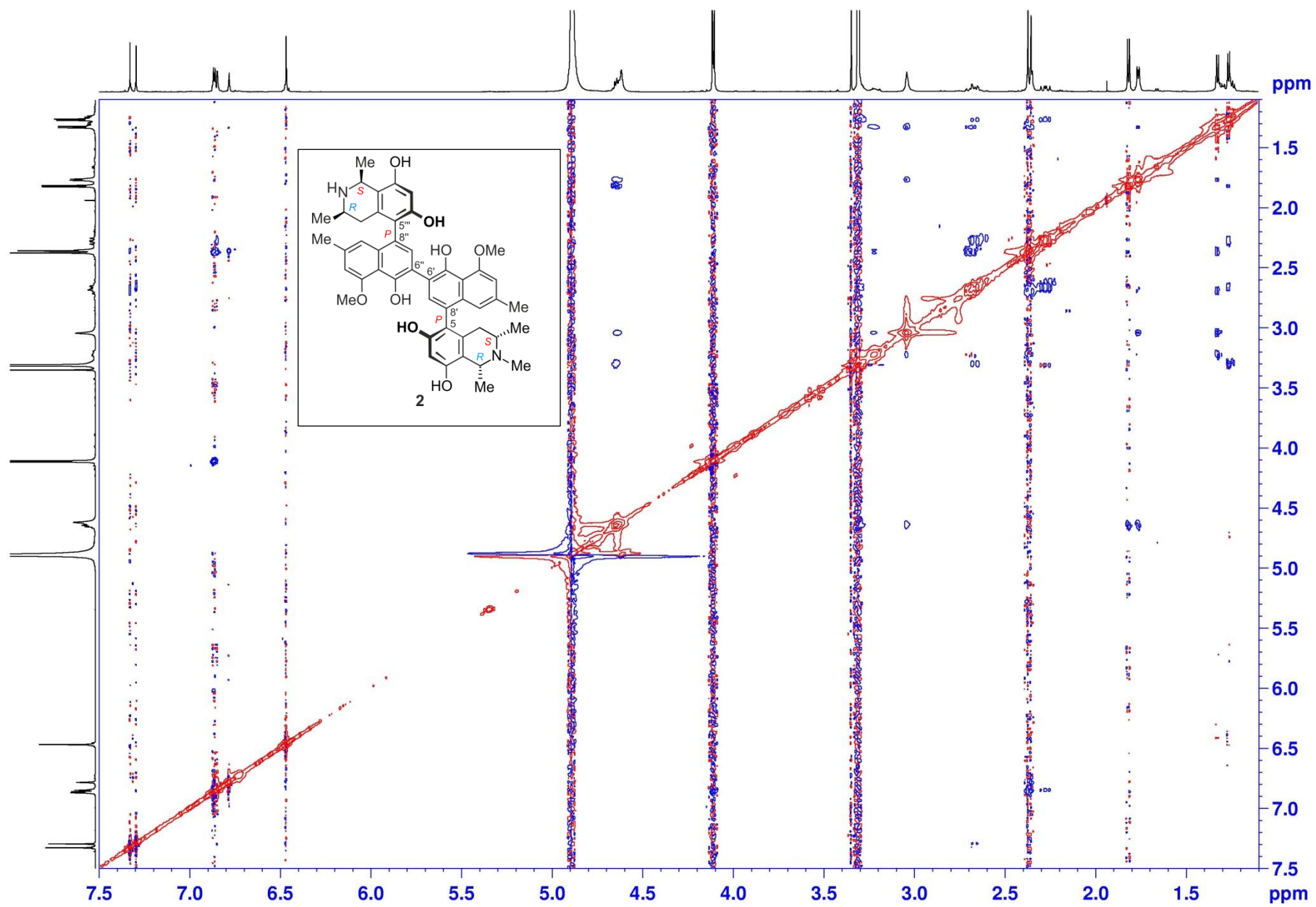


Fig. S18 ROESY NMR spectrum of compound **2** in methanol- d_4

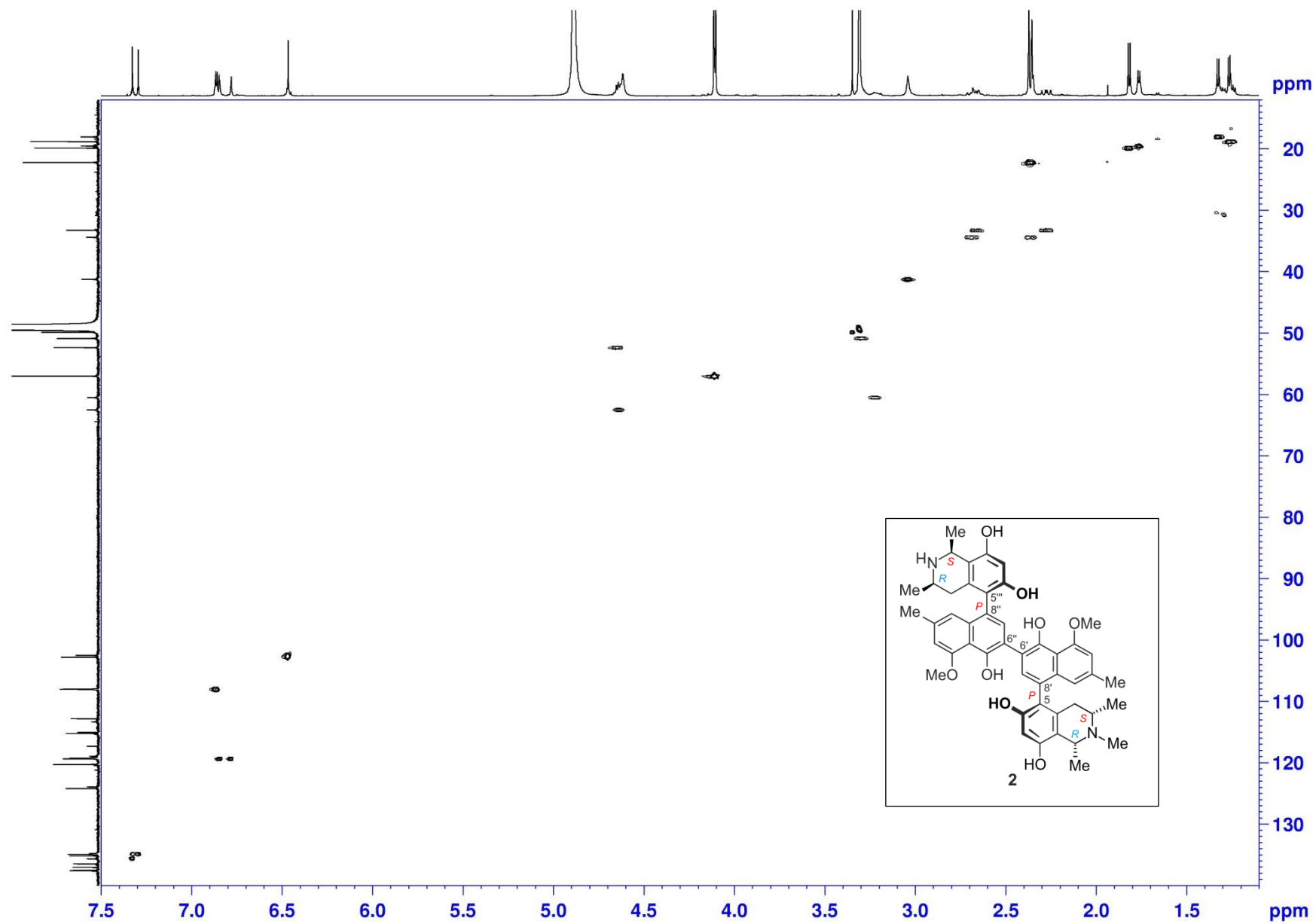


Fig. S19 HSQC NMR spectrum of compound **2** in methanol- d_4

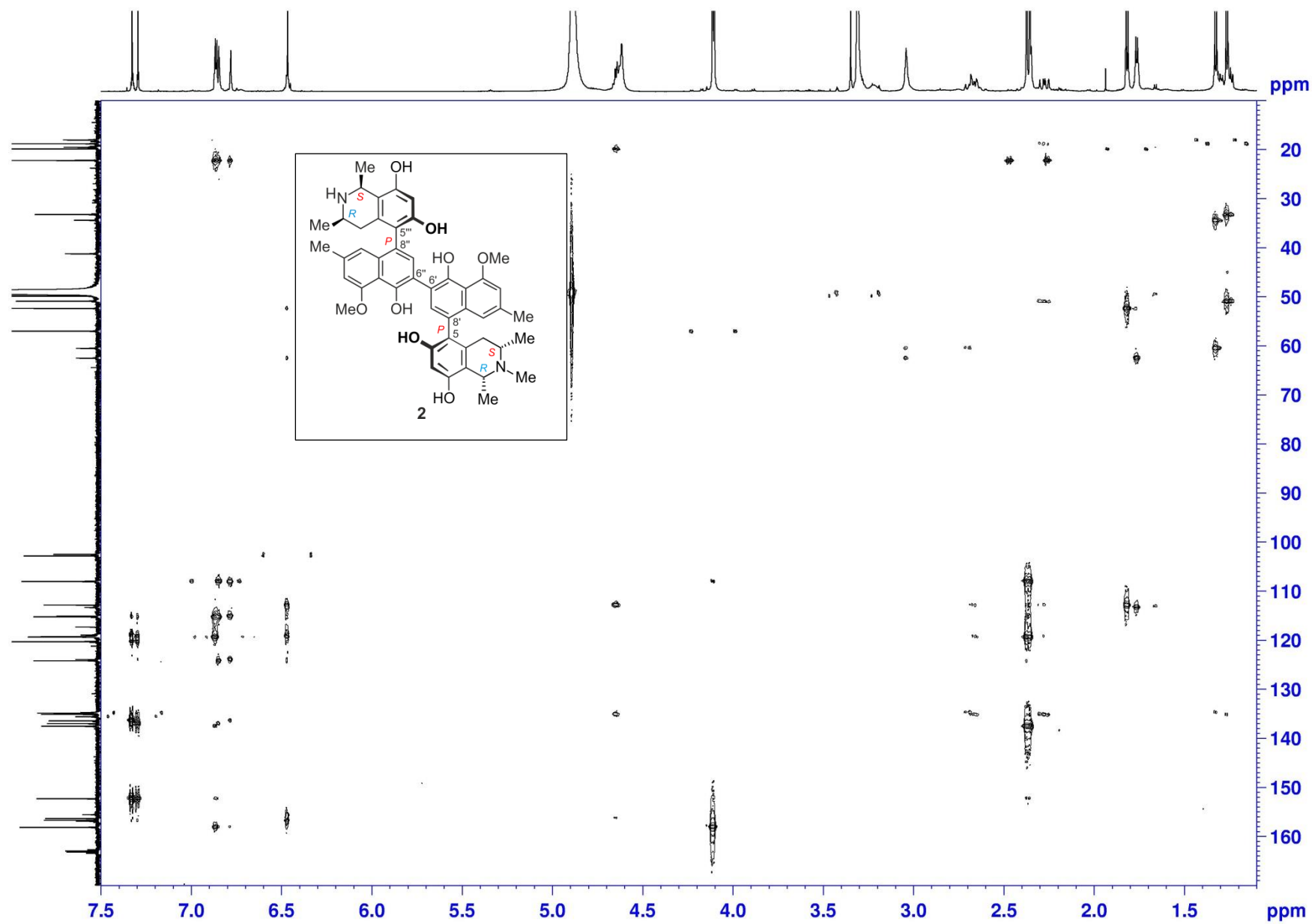


Fig. S20 HMBC NMR spectrum of compound **2** in methanol-*d*₄

Mass Spectrum Molecular Formula Report

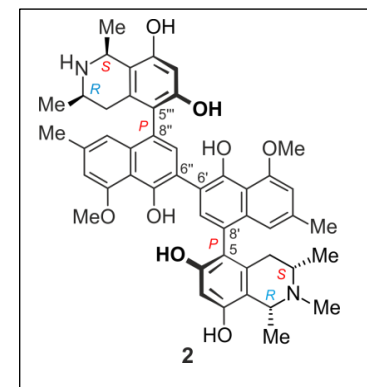
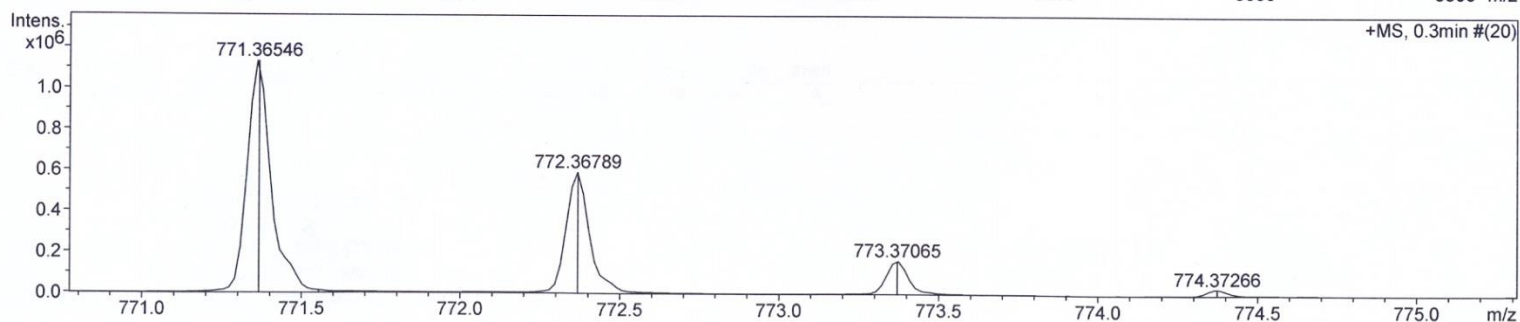
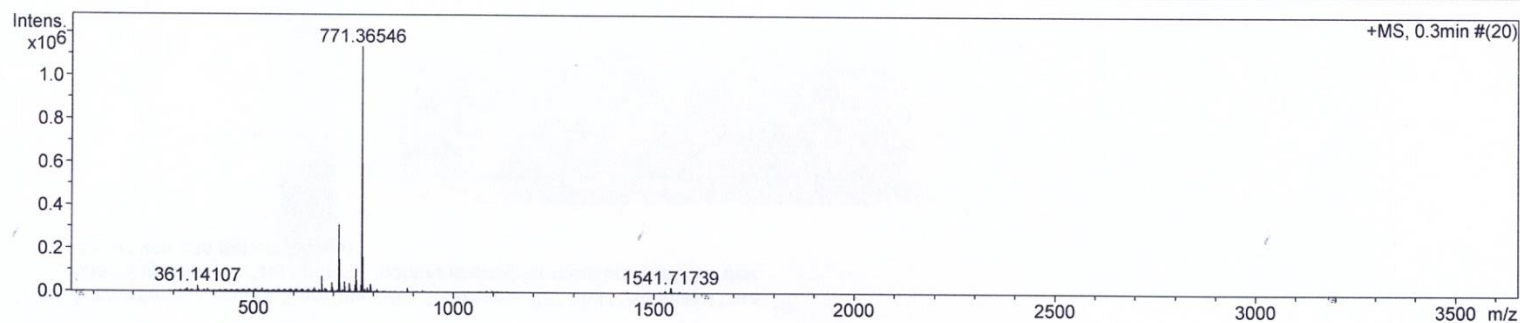
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 Comment Blaise Kimbadi Lombe
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Acquisition Date 17.12.2015 14:43:32
 Operator Administrator
 Instrument micrOTOF 88

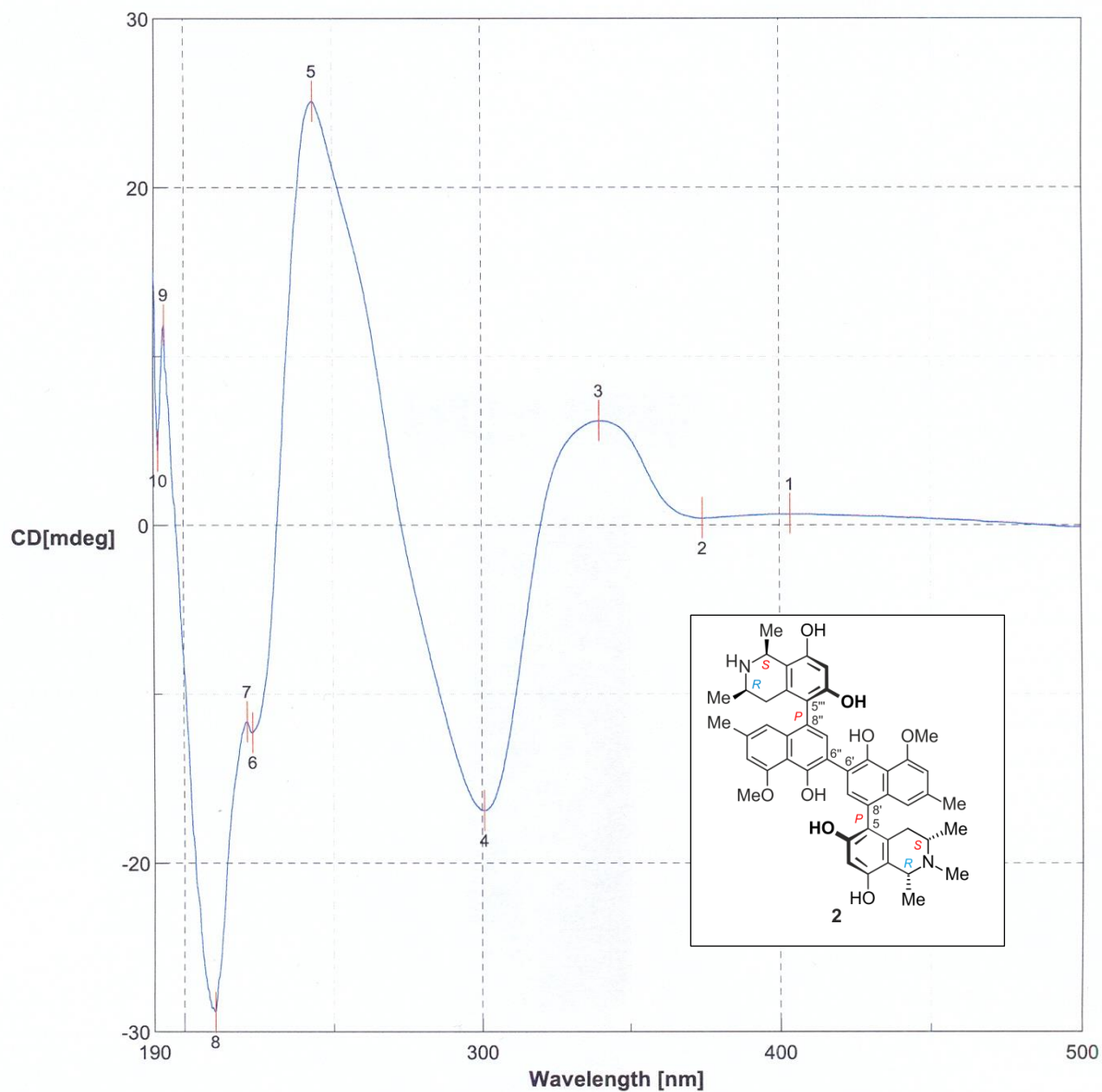
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Scan End	3500 m/z	Skimmer 1	50.0 V	Set Reflector	1700 V
		Hexapole 1	23.0 V	Set Flight Tube	8600 V
				Set Detector TOF	2240 V



Sum Formula	Sigma	m/z	Err [ppm]	Mean Err [ppm]	rdb	N Rule	e ⁻
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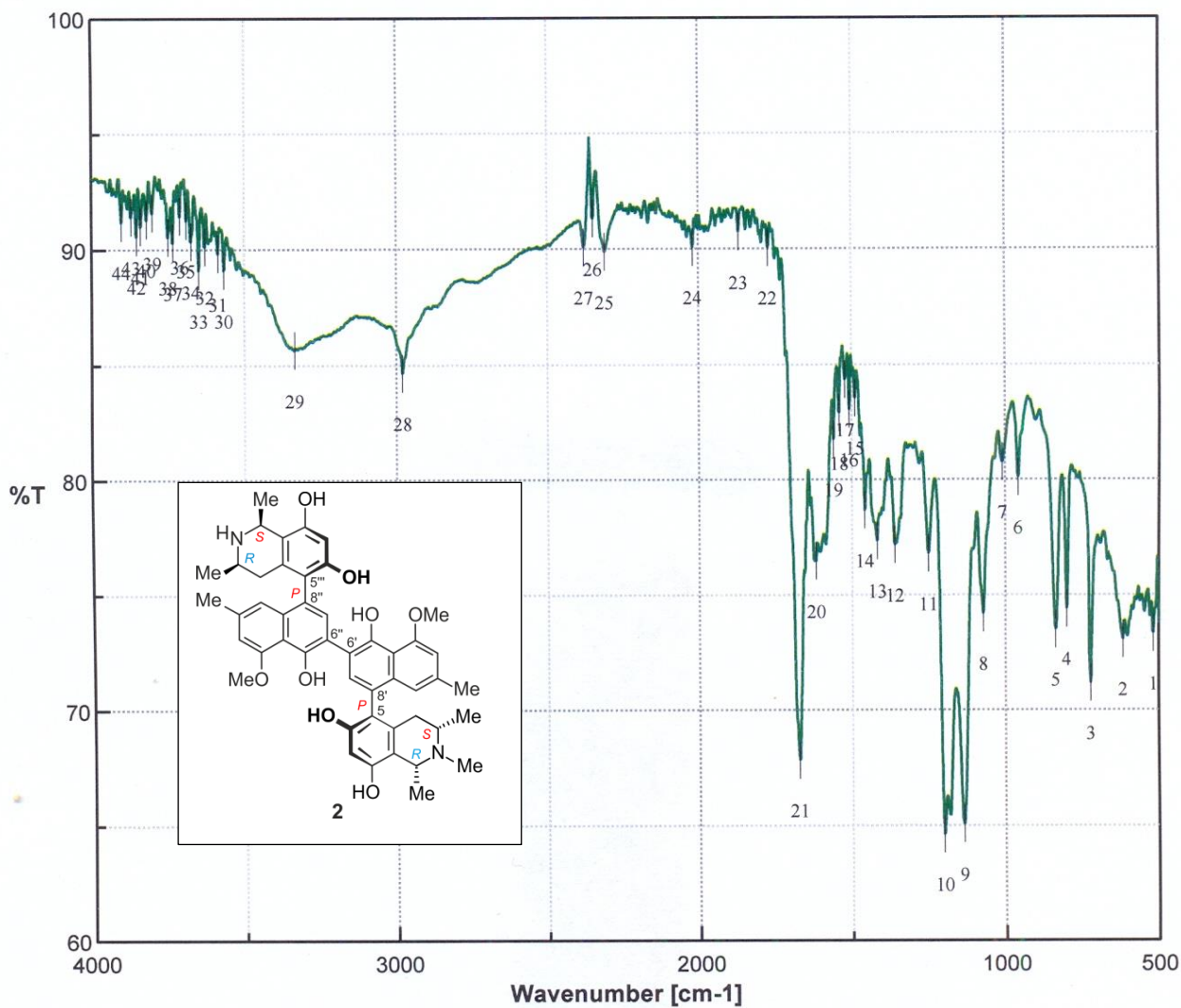
Fig. S21 HRESIMS spectrum of compound 2



Date/Time 02.02.2016 15:40
 Operator Kimbadi
 File Name BO3-H2O-5#001.jws
 Sample Name BO3-H2O-5
 Comment offline

No.	nm	CD[mdeg]	No.	nm	CD[mdeg]	No.	nm	CD[mdeg]
1	403.5	0.655446	2	374.3	0.40599	3	339.7	6.18278
4	300.7	-16.9044	5	243.3	25.0888	6	222.9	-12.2832
7	221	-11.6263	8	210.2	-28.8258	9	193.4	11.8764
10	191.5	4.39749						

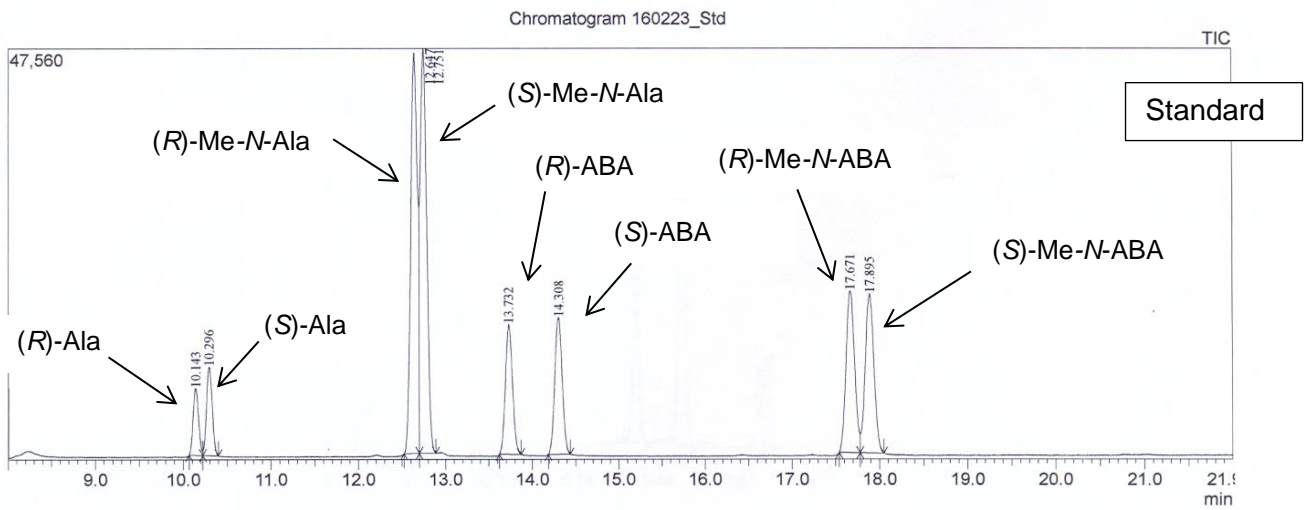
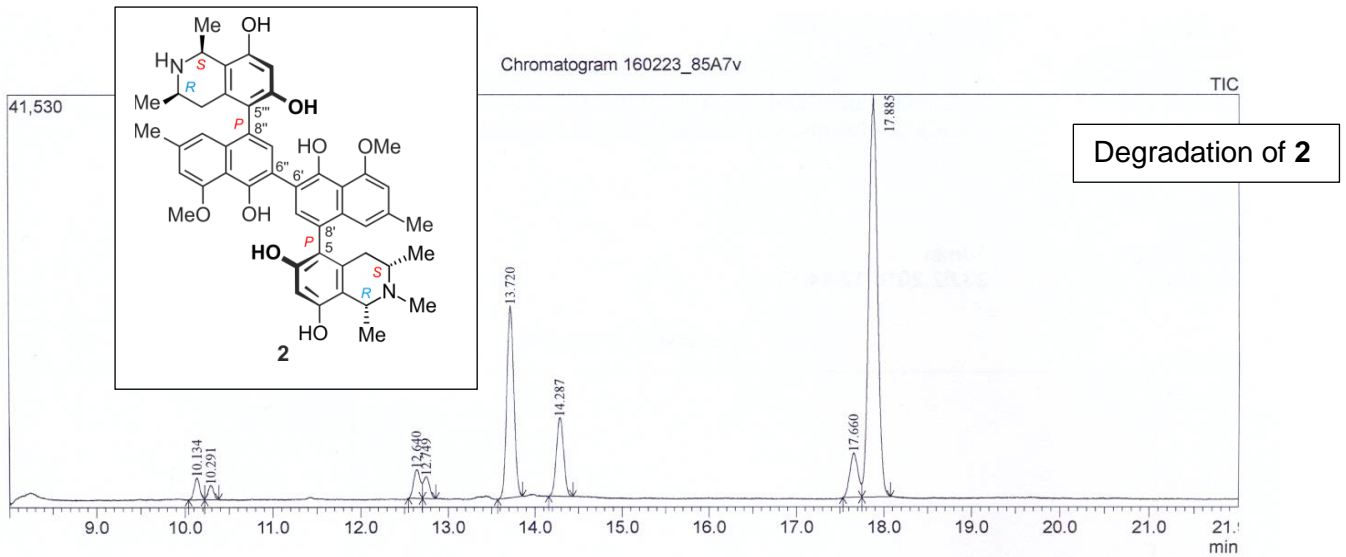
Fig. S22 CD spectrum of compound 2 in methanol



Results of Peak Find					
No.	Position	Intensity	No.	Position	Intensity
1	517.793	73.3029	2	617.109	73.0542
3	722.211	71.1573	4	800.314	74.3847
5	836.955	73.472	6	957.484	80.0722
7	1010.52	80.7374	8	1072.23	74.1811
9	1136.83	65.0382	10	1200.47	64.5911
11	1250.61	76.7915	12	1359.57	77.1416
13	1418.39	77.3169	14	1456.96	78.6479
15	1488.78	83.5136	16	1507.1	83.0143
17	1520.6	84.3287	18	1540.85	82.8773
19	1559.17	81.7209	20	1617.02	76.4555
21	1671.98	67.8095	22	1771.3	90.0412
23	1868.68	90.719	24	2019.1	90.0556
25	2310.3	89.8648	26	2348.87	91.3138
27	2378.76	90.0698	28	2980.45	84.6094
29	3335.28	85.6191	30	3566.7	89.0788
31	3586.95	89.8216	32	3628.41	90.1109
33	3648.66	89.0997	34	3674.69	90.3252
35	3689.16	91.2494	36	3711.33	91.4469
37	3734.48	90.2764	38	3749.9	90.5335
39	3801.01	91.5978	40	3820.29	91.2772
41	3838.61	90.9839	42	3853.08	90.5647
43	3870.43	91.3998	44	3902.25	91.1807

[Comments]	
Sample name	BO3-H2O-5
Comment	drop(MeOH)
User	Kimbadi
Division	AK Bringmann
Company	Uni Würzburg
[Measurement Information]	
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Accessory	ATR PRO ONE
Accessory S/N	A070661809
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Measurement Date	20.12.2017 15:03
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Detector	TGS
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Zero Filling	On
Apodization	Cosine
Gain	Auto (4)
Aperture	Auto (7.1 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

Fig. S23 IR spectrum of compound 2



Where: Ala = alanine; Me-N-Ala = N-methylalanine;
 ABA = 3-aminobutyric acid; Me-N-ABA = N-methyl 3-aminobutyric acid

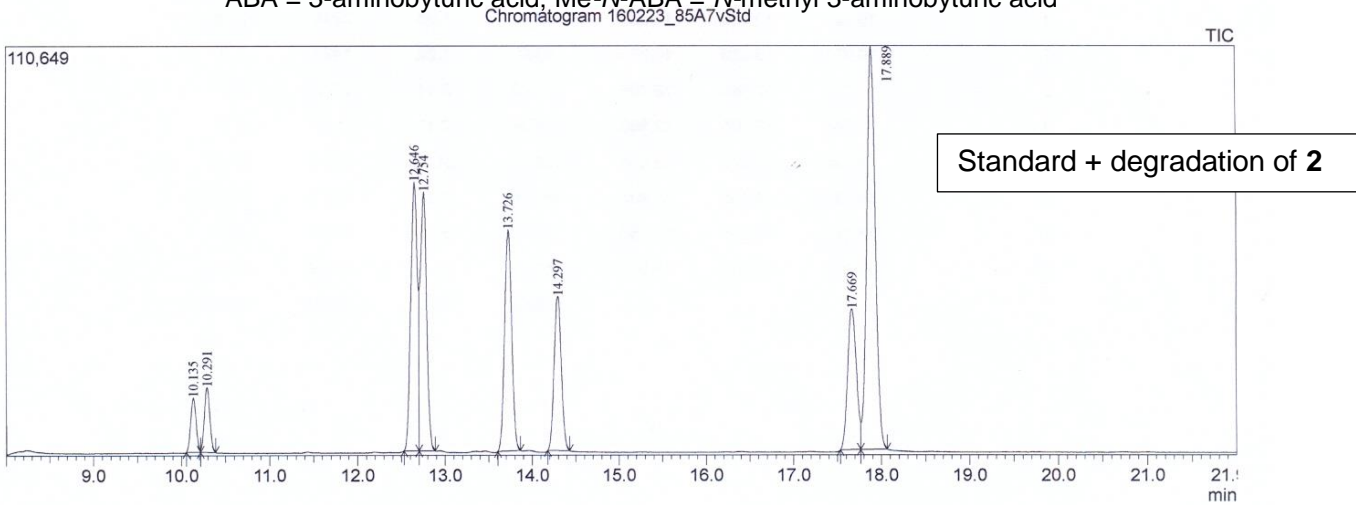


Fig. S24 Results of the oxidative degradation of compound **2**

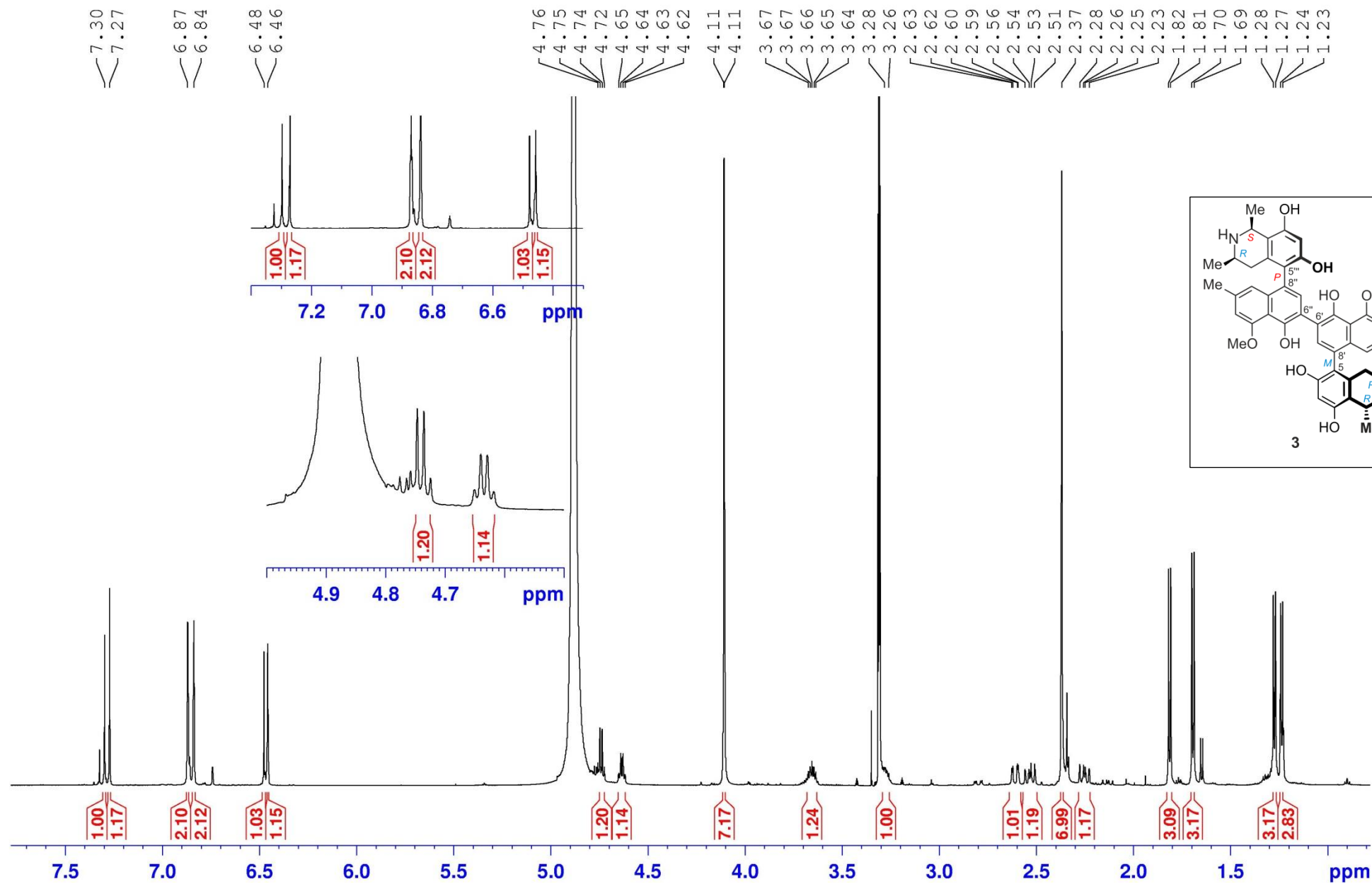


Fig. S25 ^1H NMR spectrum of compound **3** in methanol- d_4

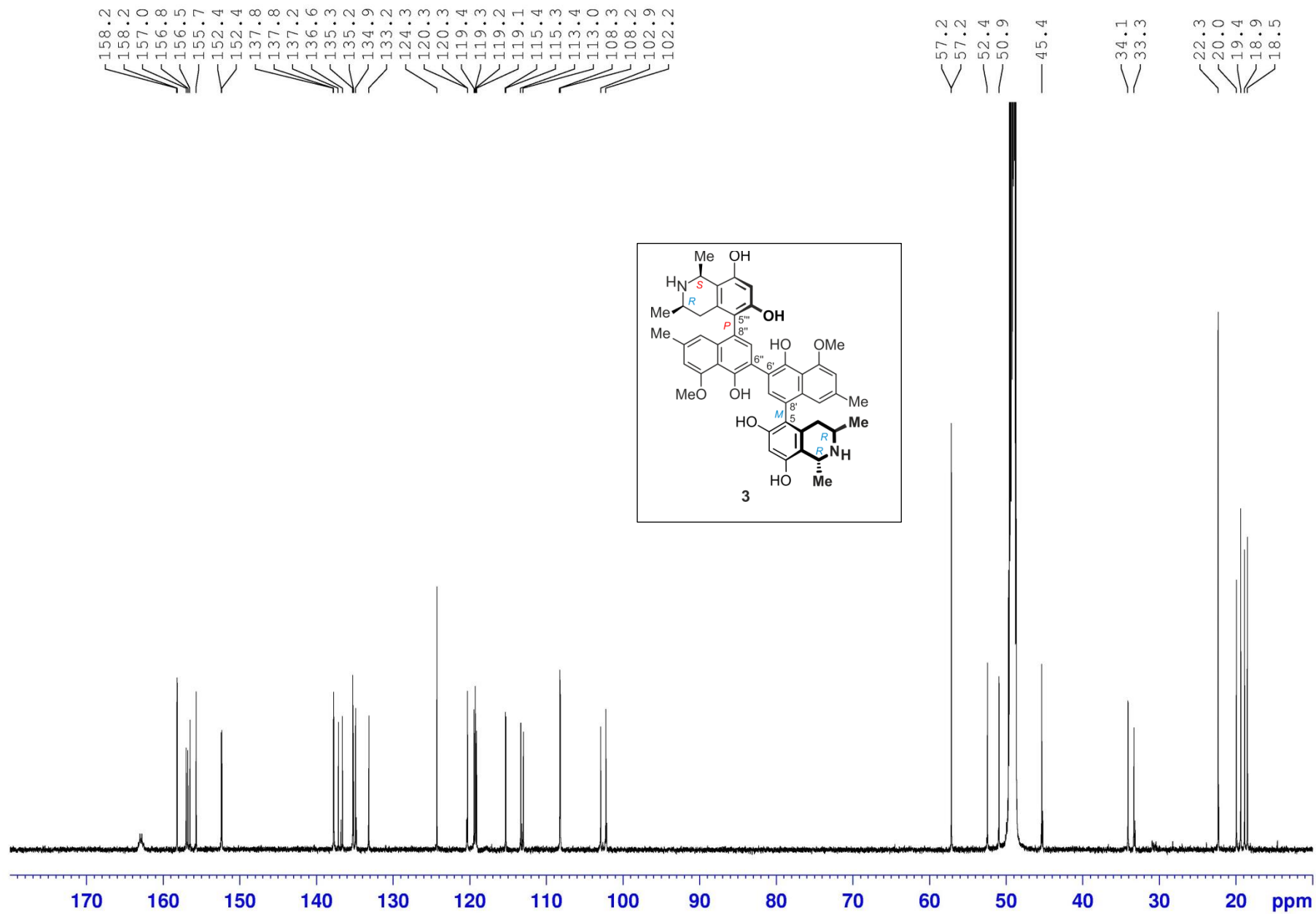


Fig. S26 ^{13}C NMR spectrum of compound **3** in methanol- d_4

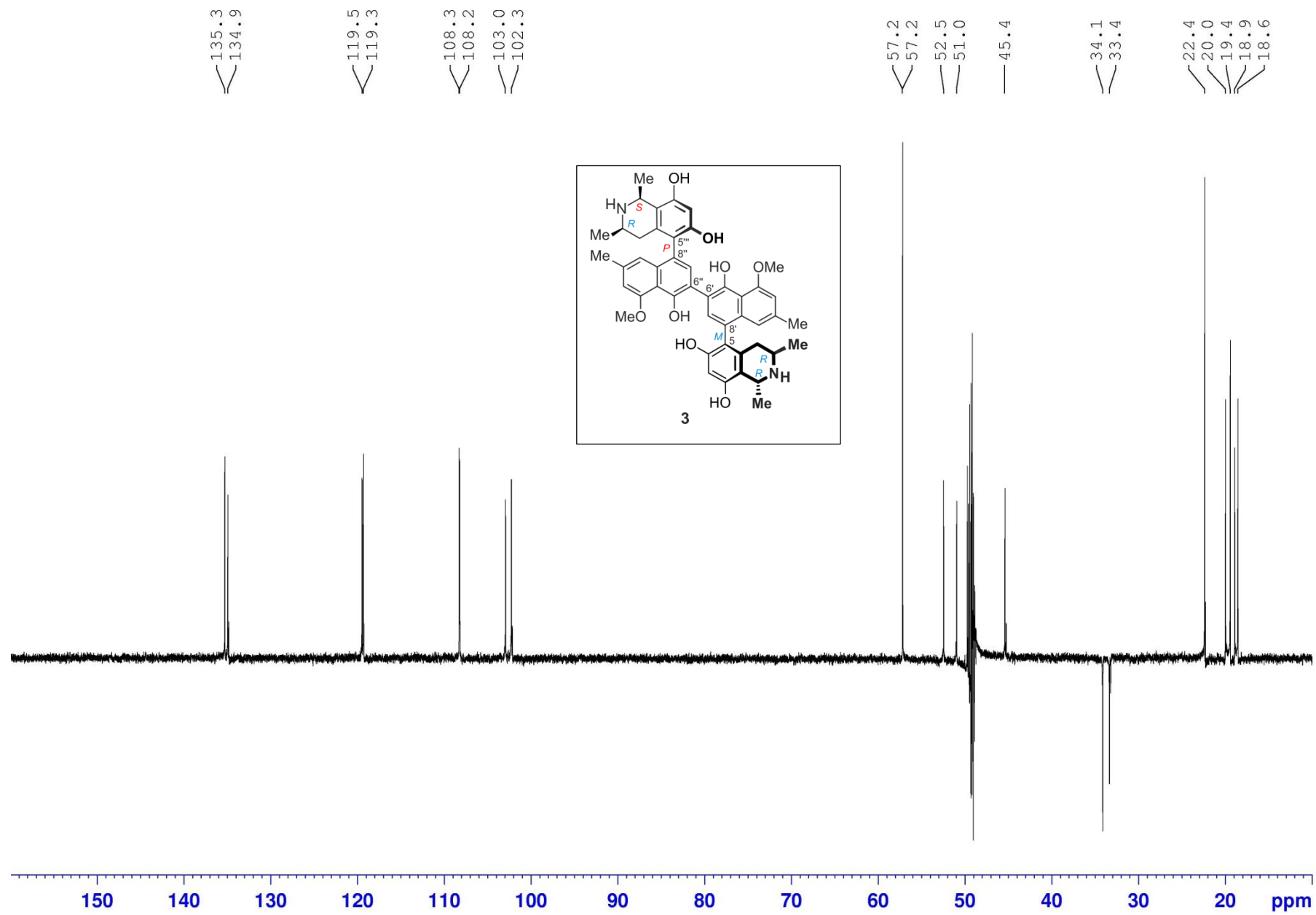


Fig. S27 DEPT-135 NMR spectrum of compound **3** in methanol- d_4

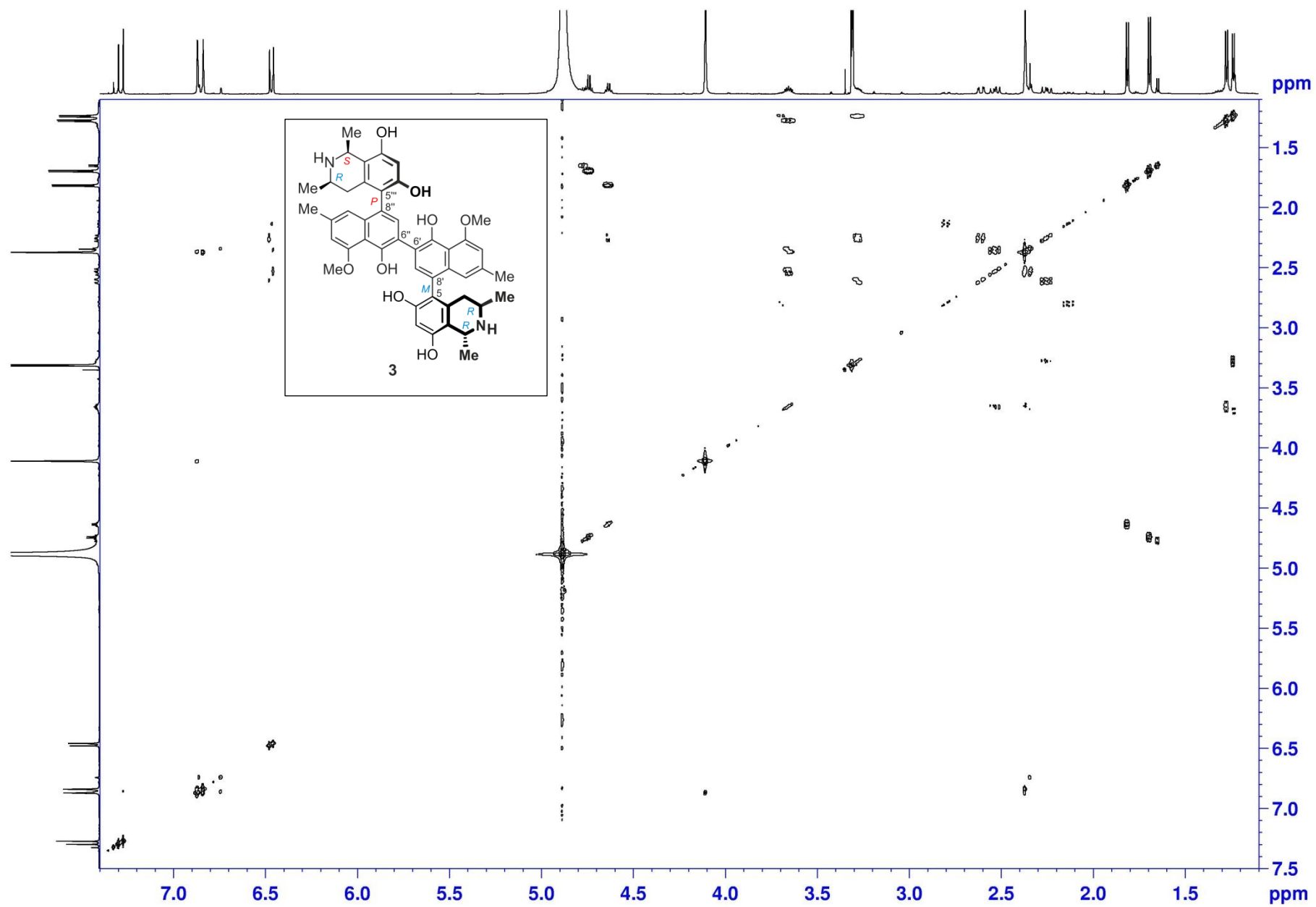


Fig. S28 COSY NMR spectrum of compound **3** in methanol- d_4

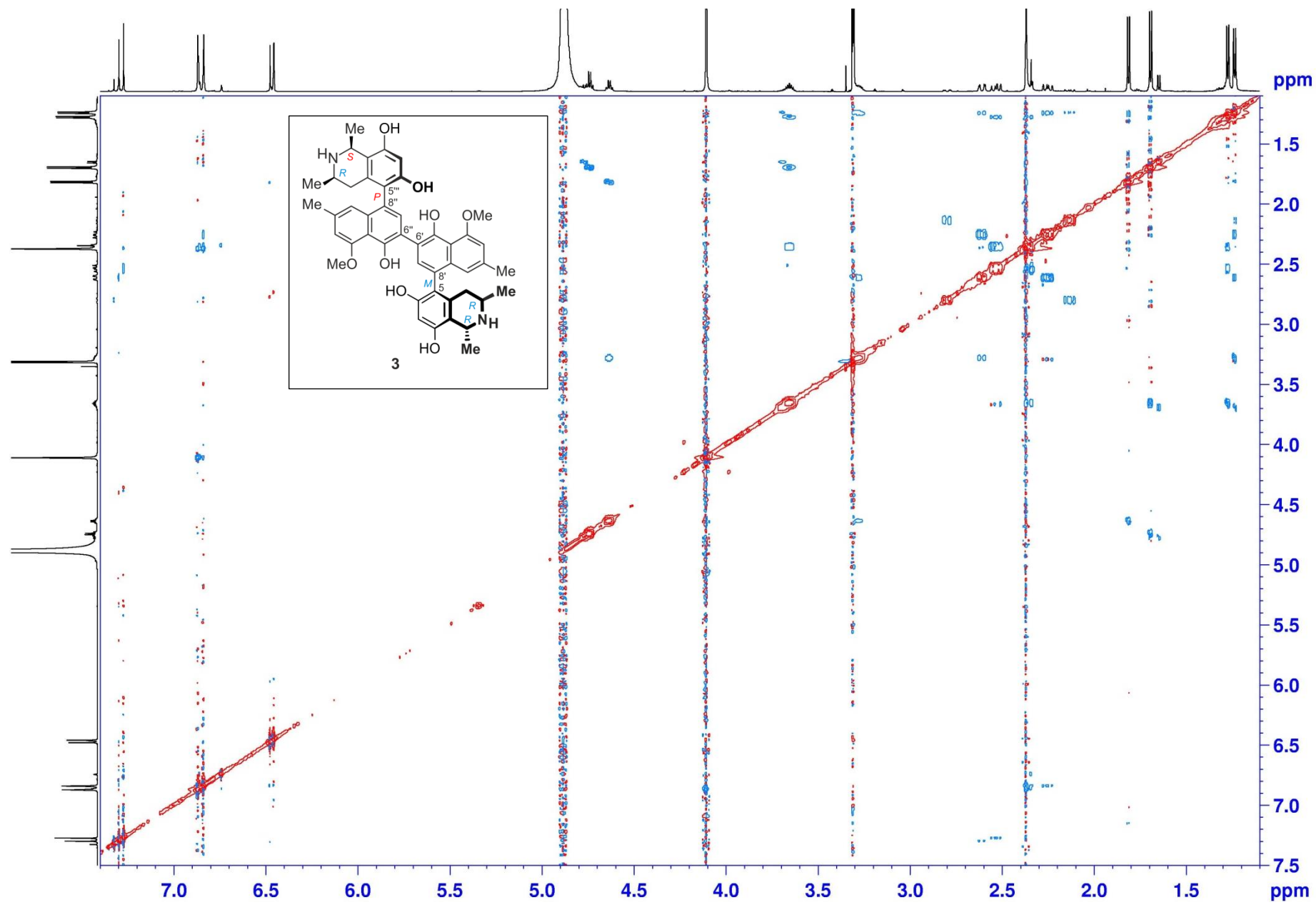


Fig. S29 ROESY NMR spectrum of compound **3** in methanol- d_4

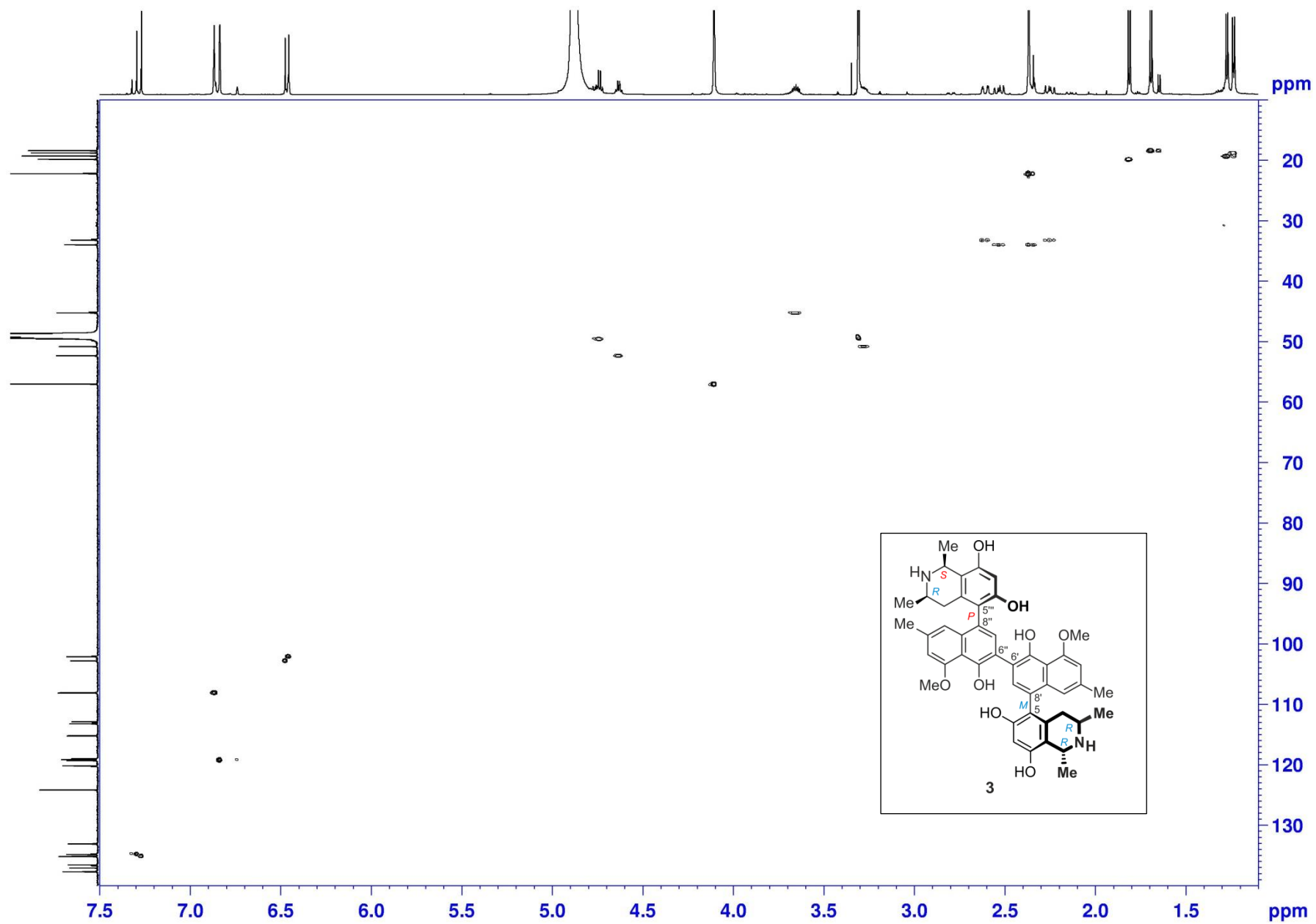


Fig. S30 HSQC NMR spectrum of compound 3 in methanol- d_4

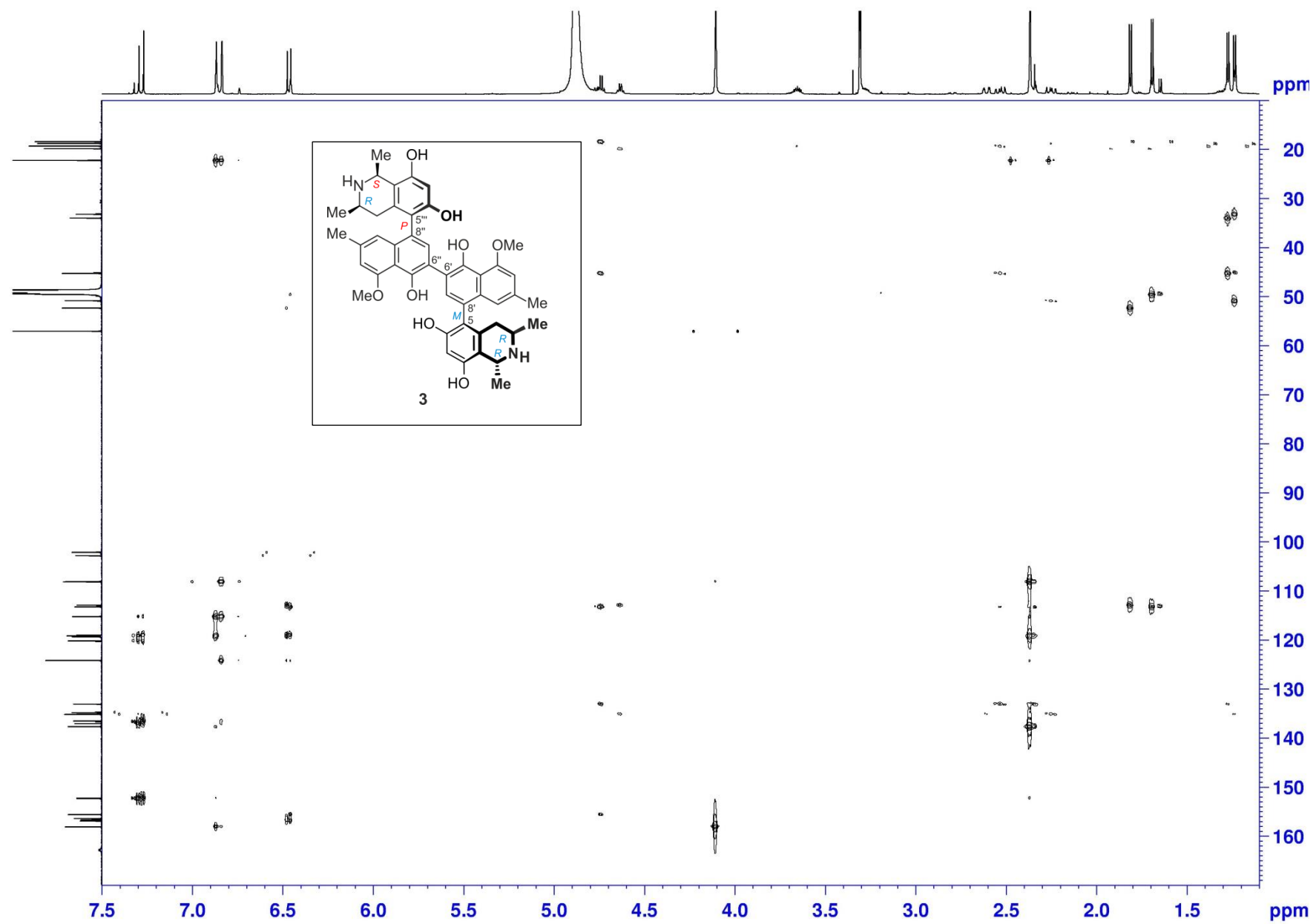


Fig. S31 HMBC NMR spectrum of compound 3 in methanol-*d*₄

Mass Spectrum Molecular Formula Report

Analysis Info

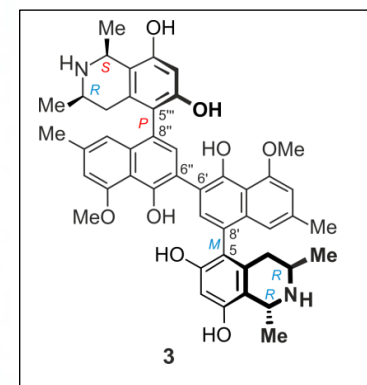
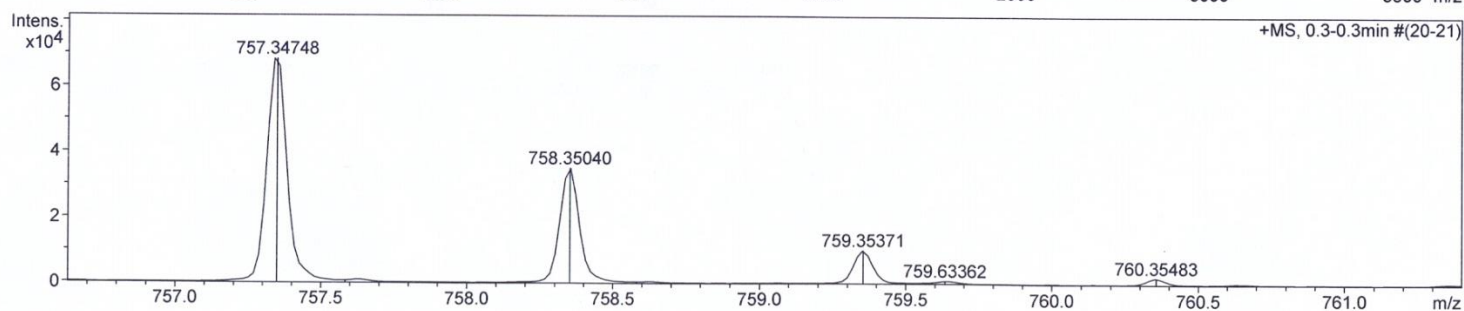
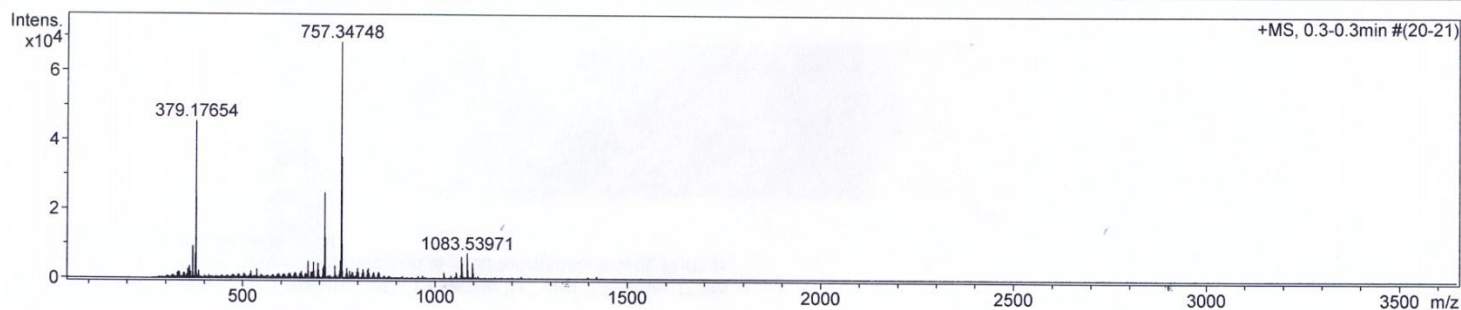
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 Method esi_tune_pos_wide.m
 Comment Blaise Kimbadi Lombe
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Acquisition Date 17.12.2015 14:30:04

Operator Administrator
 Instrument micrOTOF 88

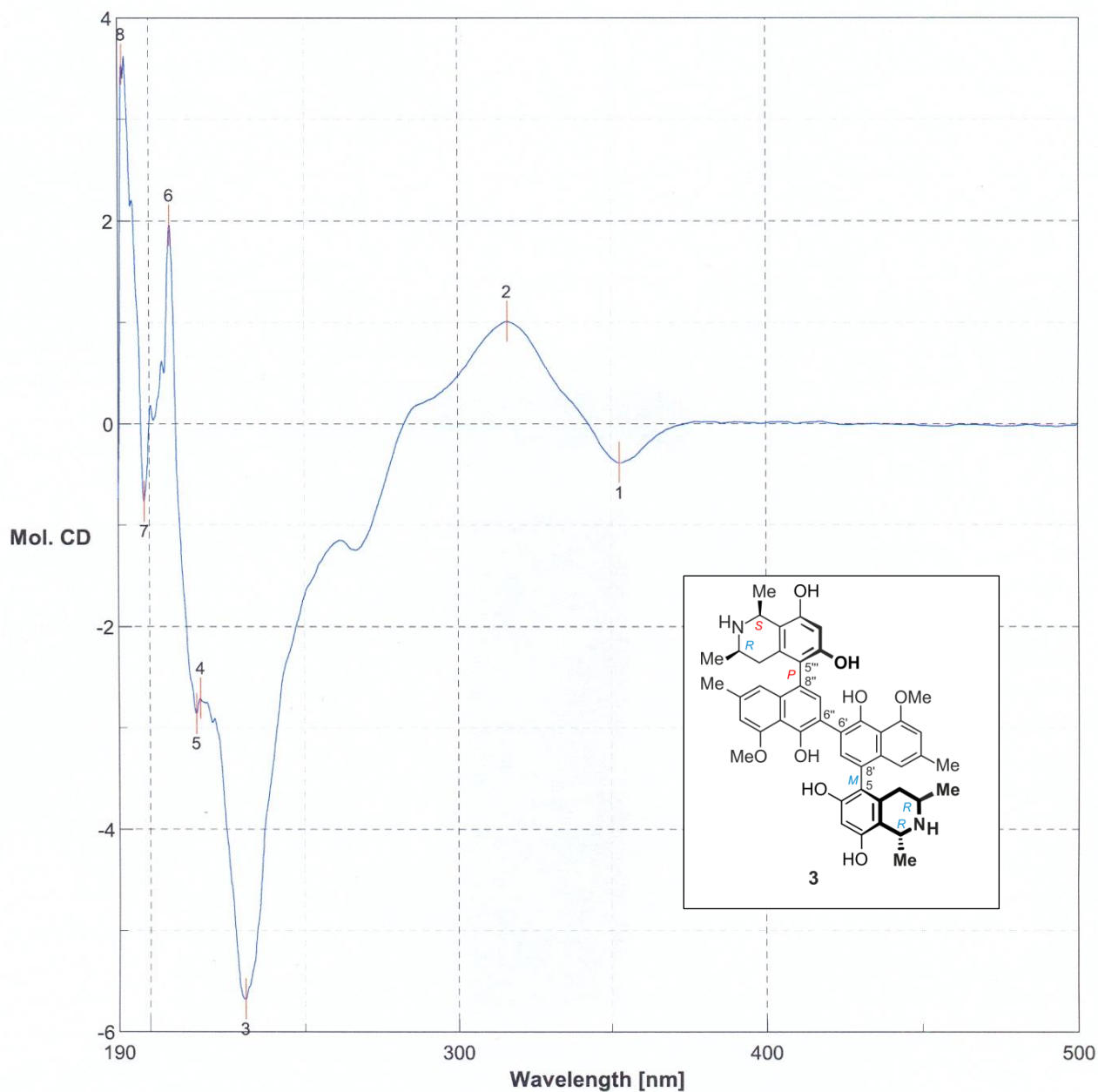
Acquisition Parameter

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Scan End	3500 m/z	Skimmer 1	50.0 V	Set Reflector	1700 V
		Hexapole 1	23.0 V	Set Flight Tube	8600 V
				Set Detector TOF	2240 V



Sum Formula	Sigma	m/z	Err [ppm]	Mean Err [ppm]	rdb	N Rule	e ⁻
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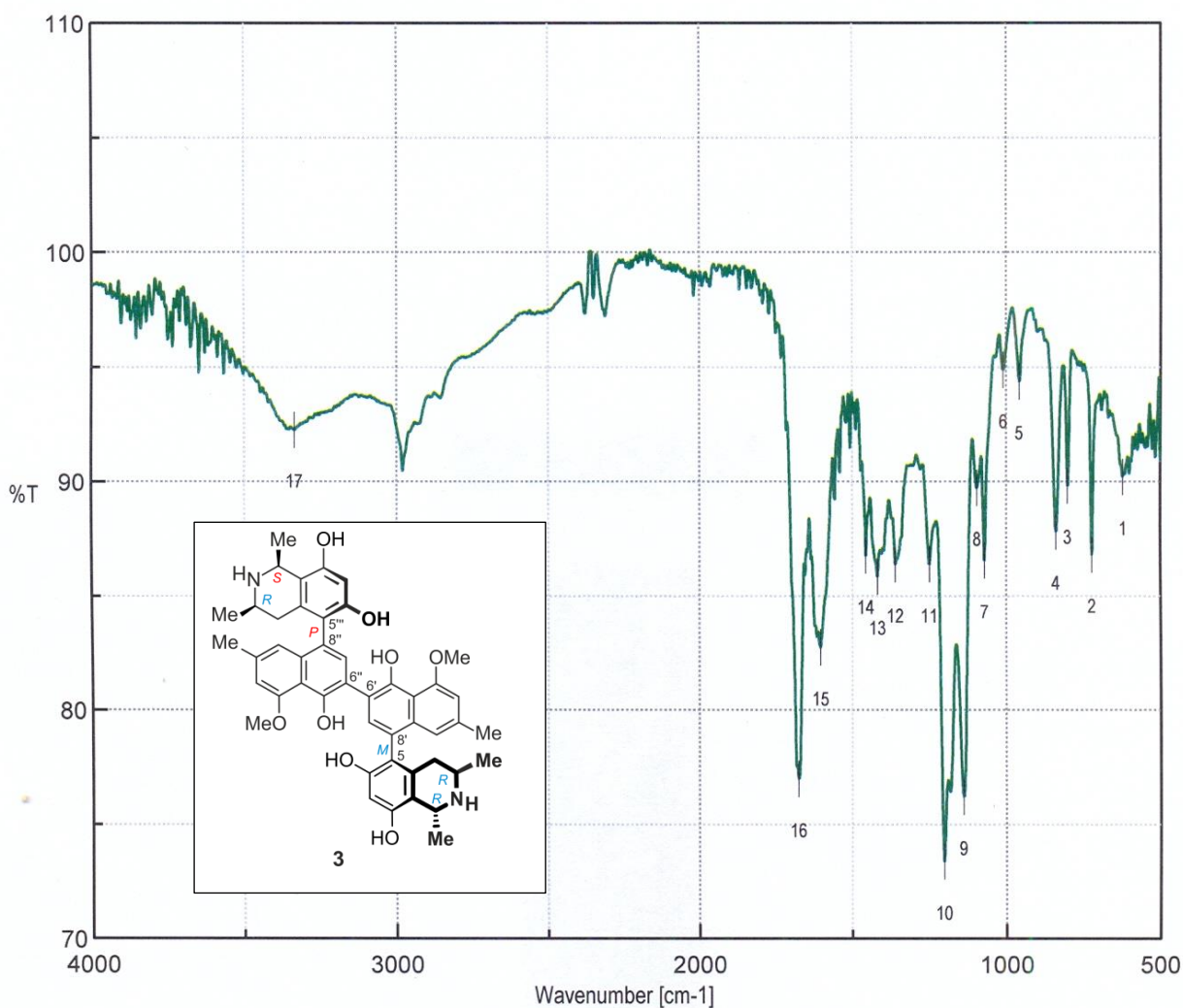
Fig. S32 HRESIMS spectrum of compound 3



Date/Time 07.12.2015 17:57
 Operator kimbadi
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 Sample Name BO3-H2O-6_0.5mm_MeOH
 Comment offline

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1	352.6	-0.386955	2	316.1	1.00708	3	230.7	-5.67618
4	216.3	-2.70801	5	215	-2.85682	6	206.6	1.95653
7	198.3	-0.763366	8	191.3	3.54363			

Fig. S33 CD spectrum of compound 3 in methanol



Results of Peak Find

No.	Position	Intensity	No.	Position	Intensity
1	622.895	90.1698	2	723.175	86.7789
3	801.278	89.7919	4	838.883	87.7775
5	957.484	94.3552	6	1009.55	94.8438
7	1071.26	86.5254	8	1096.33	89.6941
9	1138.76	76.1831	10	1202.4	73.3826
11	1250.61	86.3457	12	1360.53	86.3541
13	1418.39	85.8162	14	1456.96	86.7396
15	1603.52	82.7361	16	1674.87	76.9744
17	3335.28	92.2442			

[Comments]

Sample name BO3-H2O-6
 Comment drop(MeOH)
 User Kimbadi
 Division AK Bringmann
 Company Uni Würzburg

[Measurement Information]

Model Name FT/IR-4600typeA
 Serial Number D063461786

Accessory ATR PRO ONE
 Accessory S/N A070661809
 Incident angle 45 deg

Measurement Date 20.12.2017 14:53

Light Source Standard
 Detector TGS
 Accumulation 16
 Resolution 4 cm⁻¹
 Zero Filling On
 Apodization Cosine
 Gain Auto (4)
 Aperture Auto (7.1 mm)
 Scanning Speed Auto (2 mm/sec)
 Filter Auto (30000 Hz)

Fig. S34 IR spectrum of compound 3

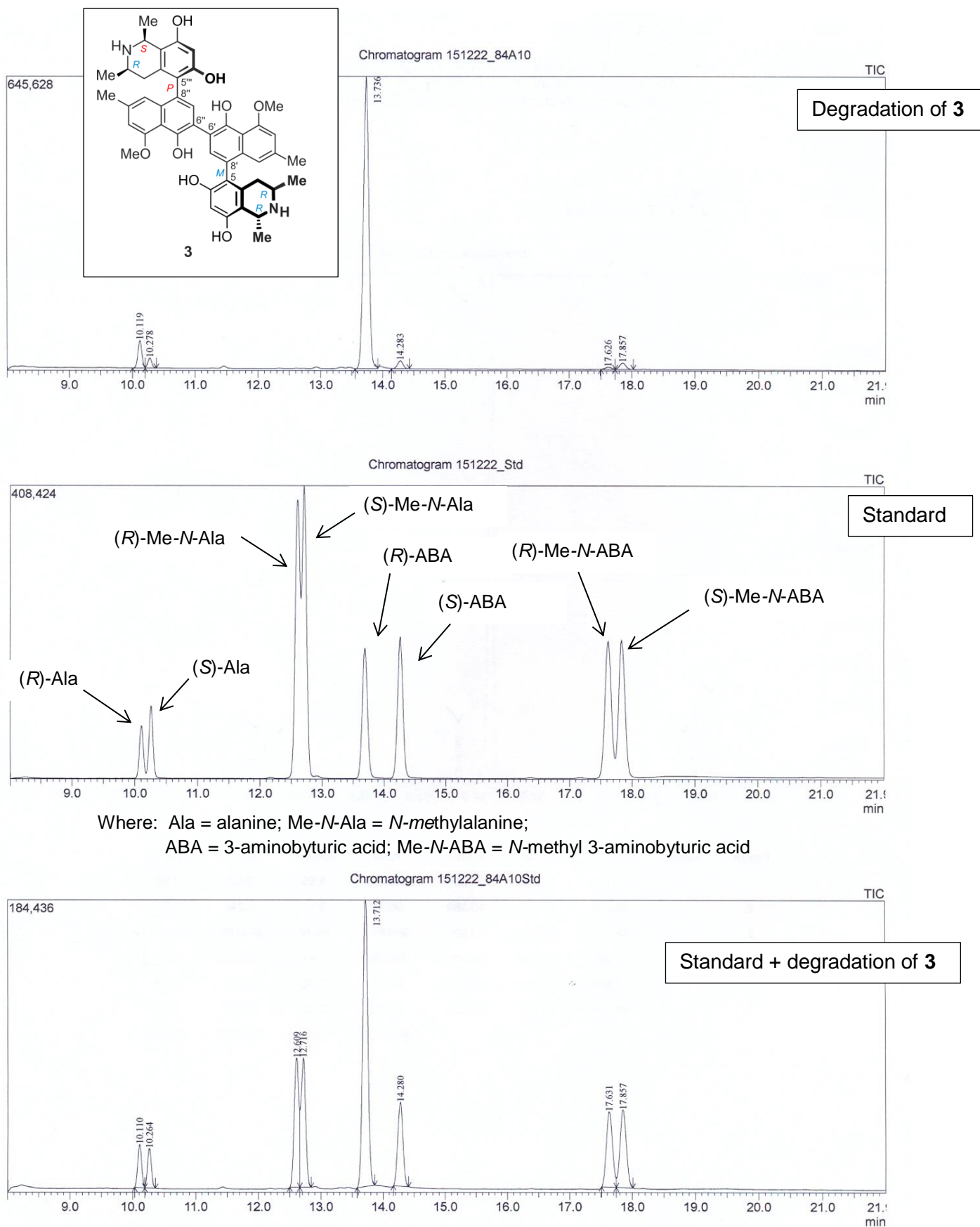


Fig. S35 Results of the oxidative degradation of compound **3**

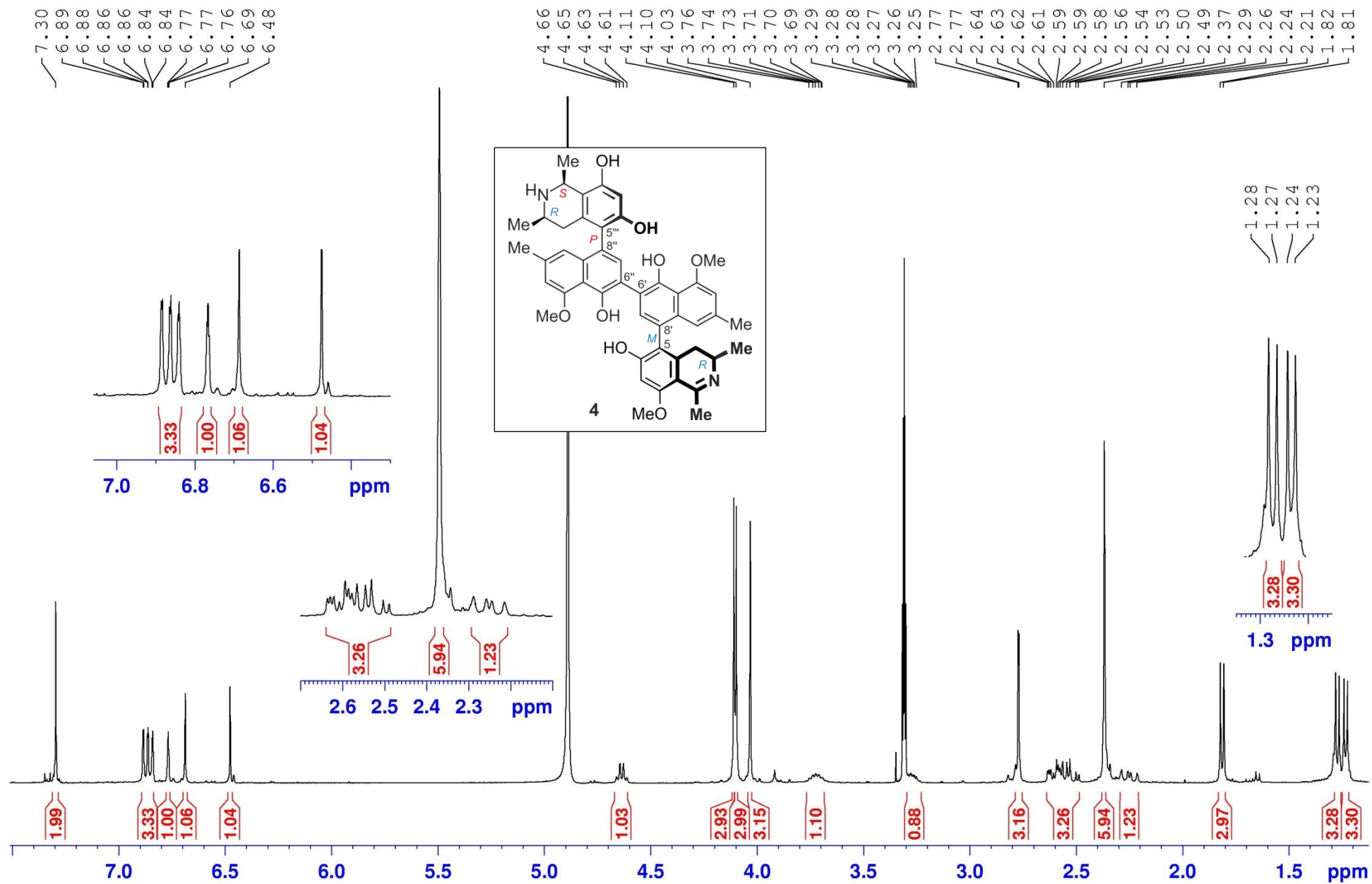


Fig. S36 ^1H NMR spectrum of compound 4 in methanol- d_4

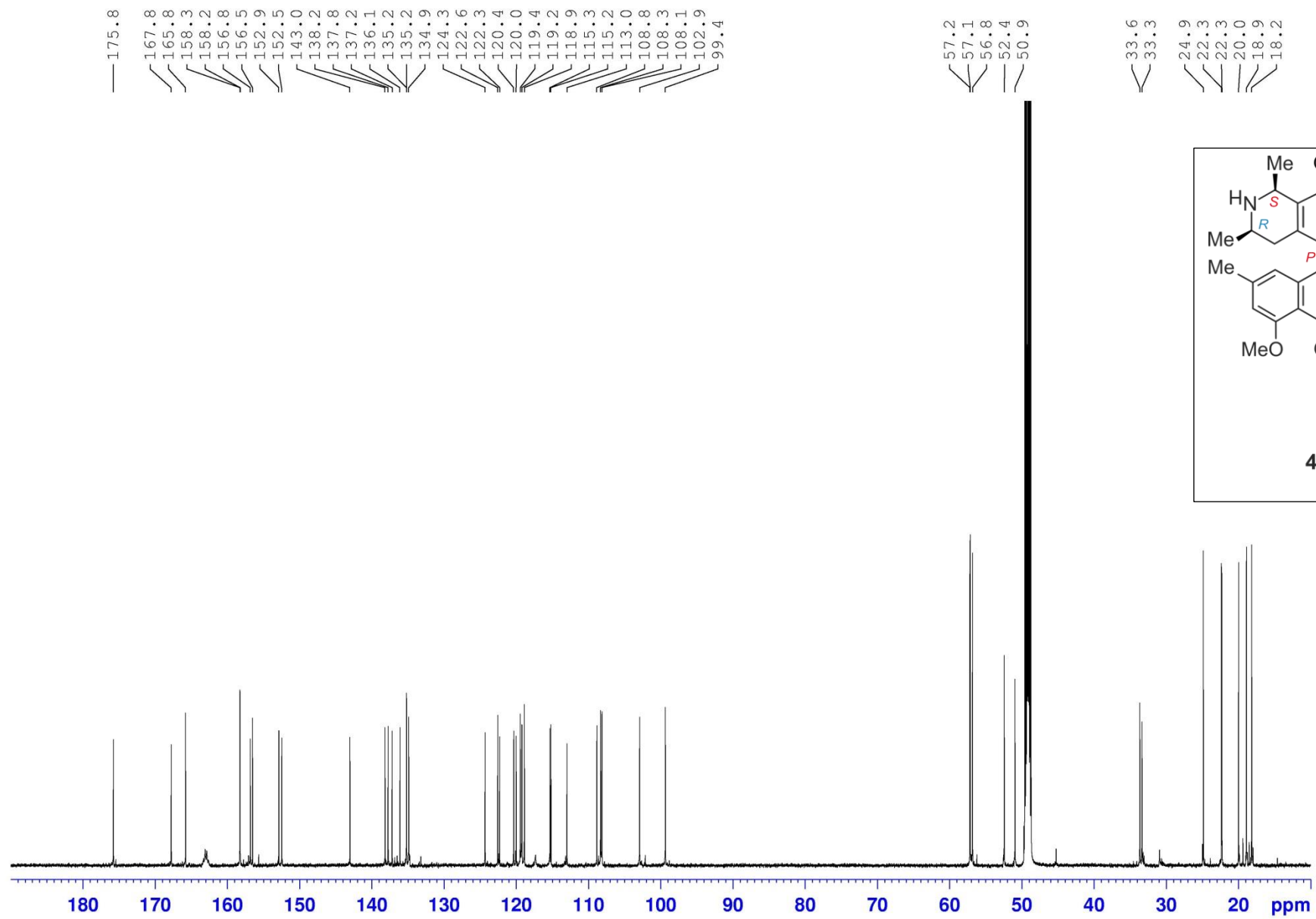


Fig. S37 ^{13}C NMR spectrum of compound 4 in methanol- d_4

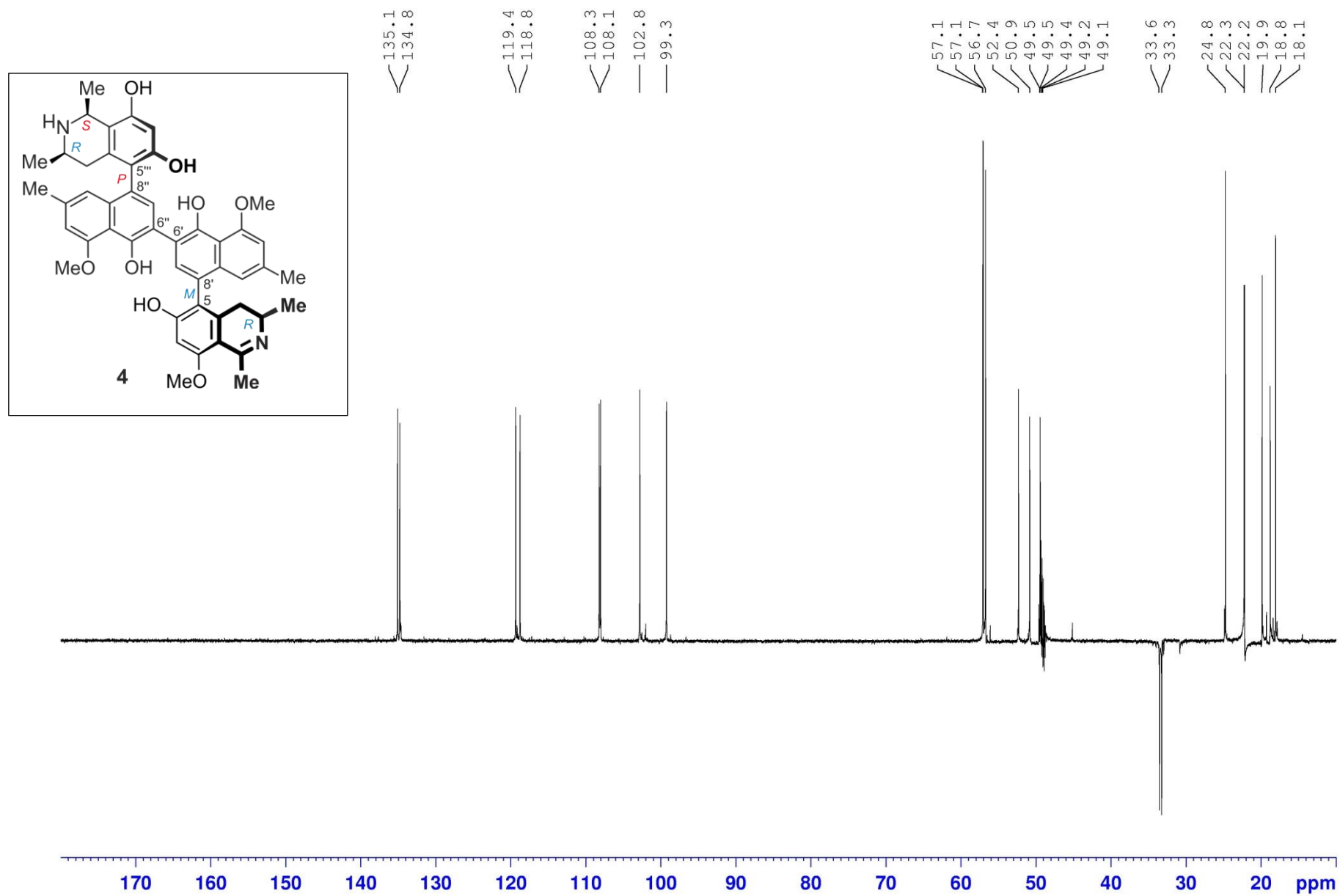


Fig. S38 DEPT-135 NMR spectrum of compound **4** in methanol- d_4

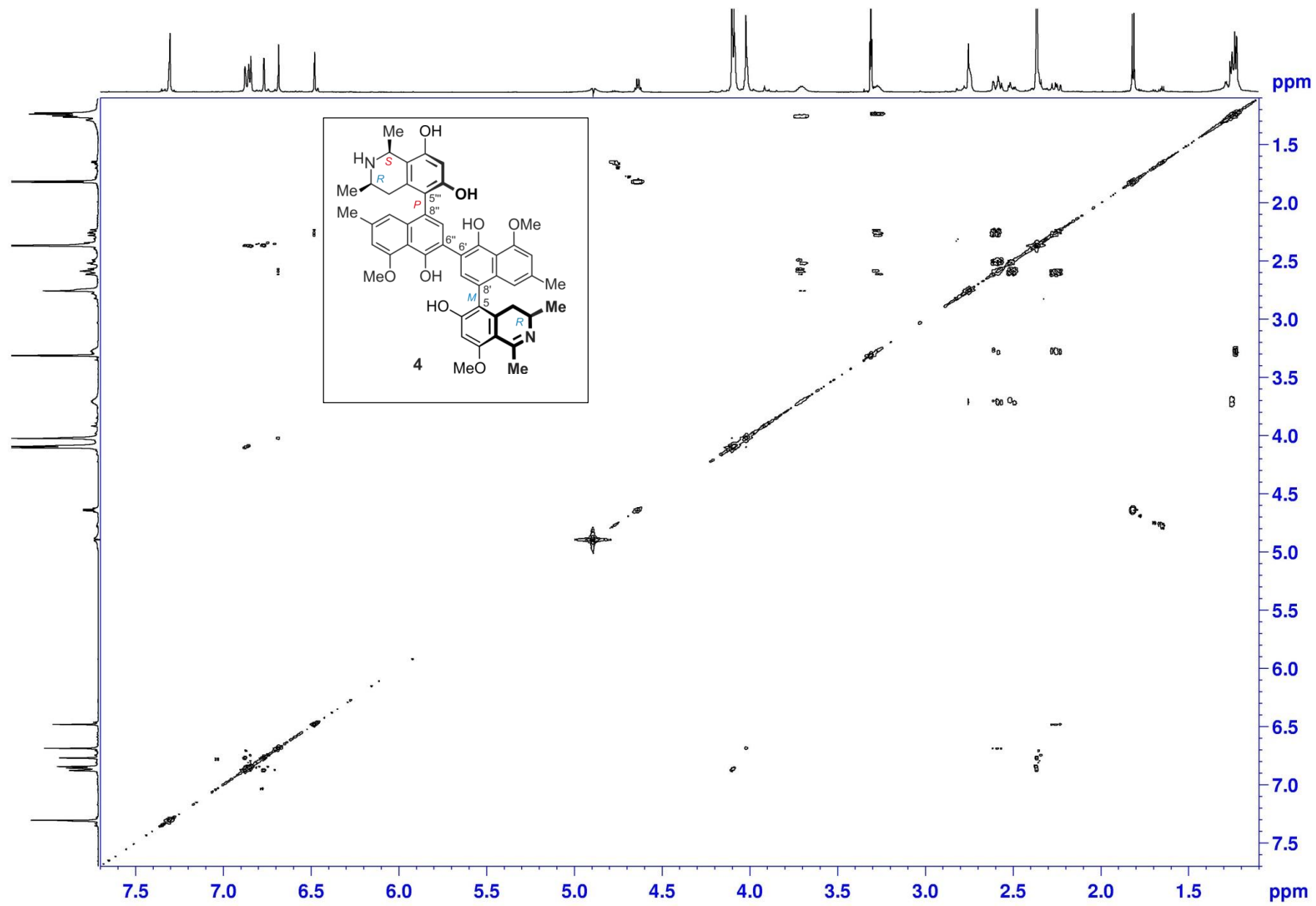


Fig. S39 COSY NMR spectrum of compound 4 in methanol-*d*₄

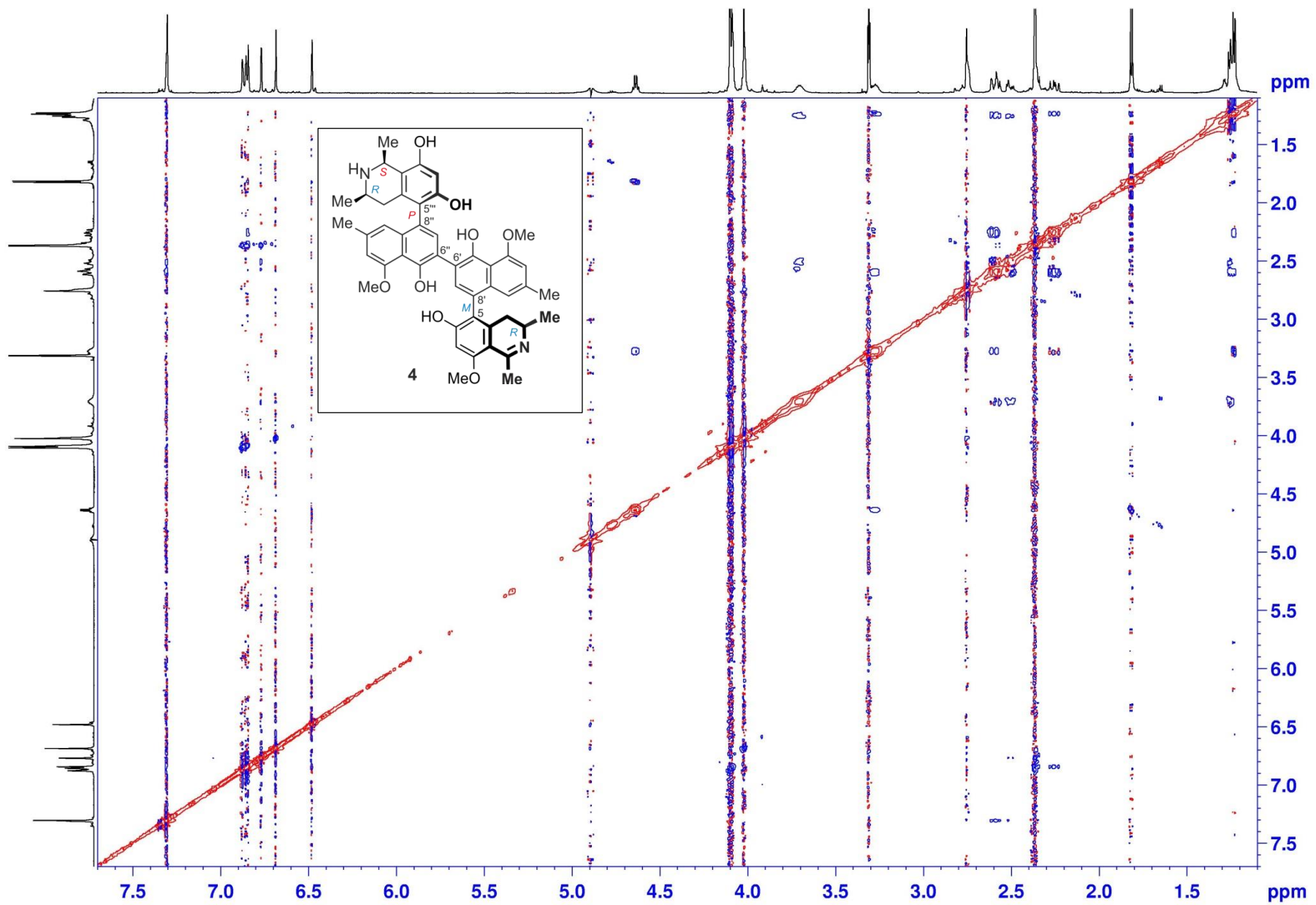


Fig. S40 ROESY NMR spectrum of compound **4** in methanol- d_4

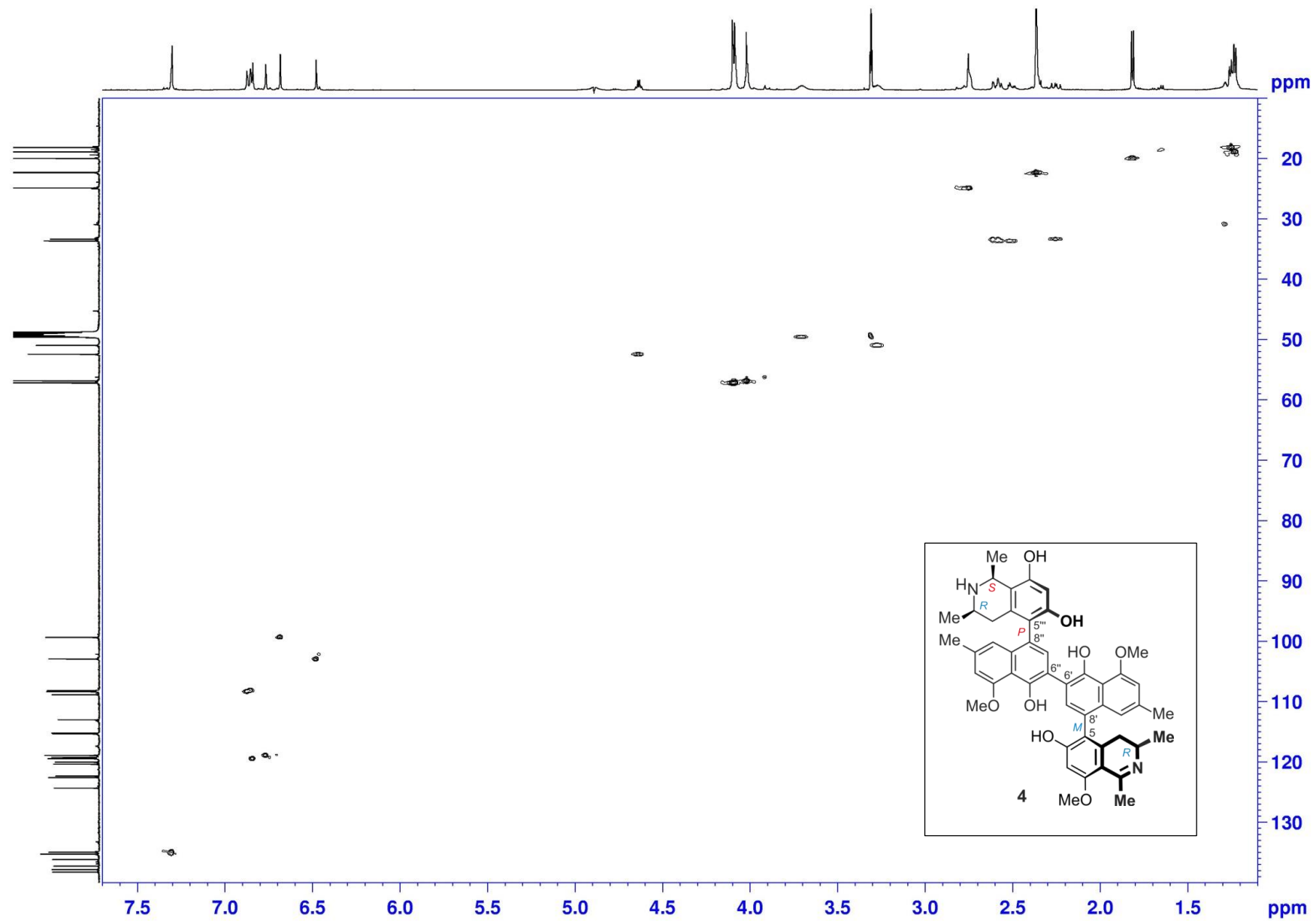


Fig. S41 HSQC NMR spectrum of compound 4 in methanol- d_4

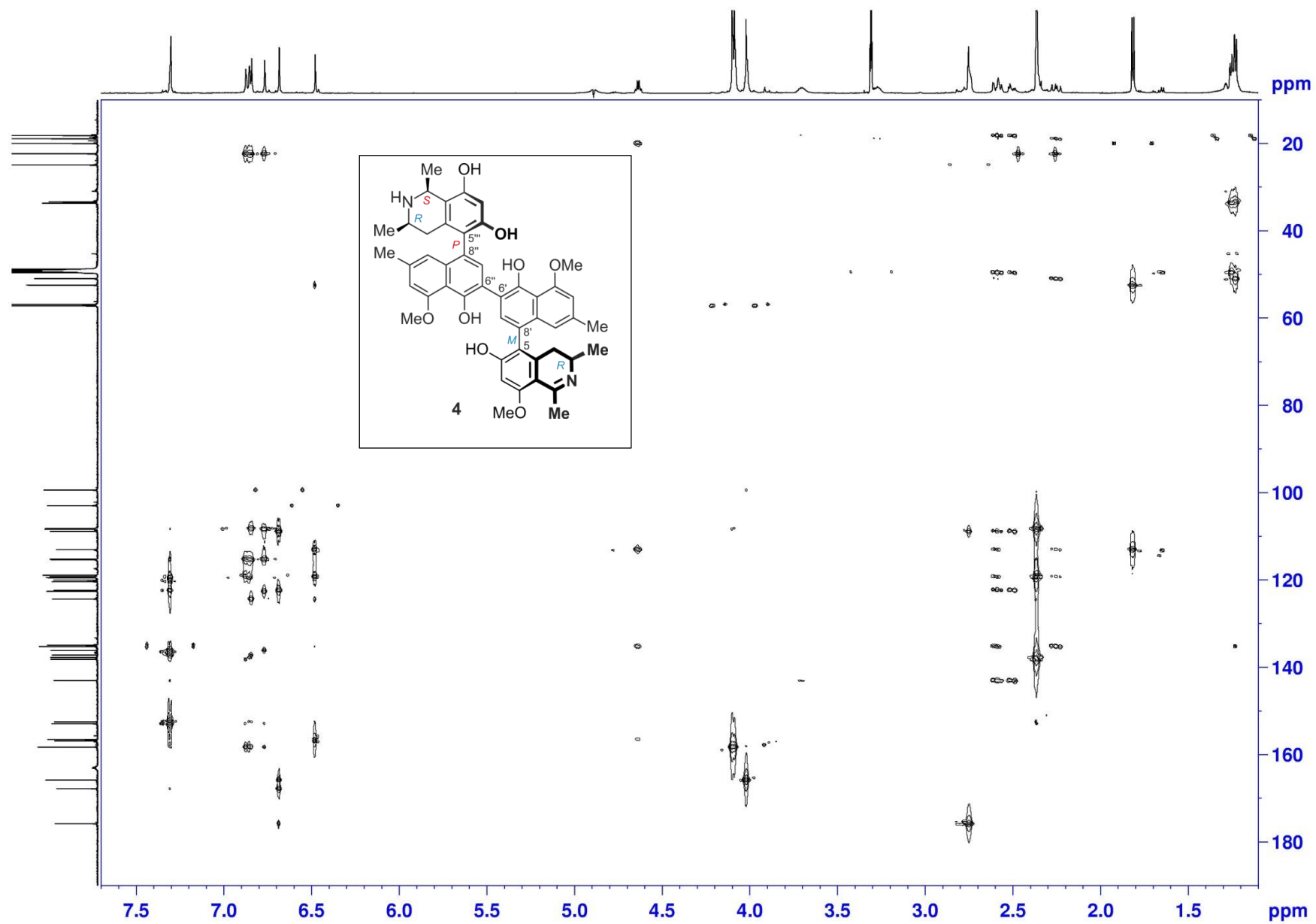


Fig. S42 HMBC NMR spectrum of compound **4** in methanol- d_4

Mass Spectrum SmartFormula Report

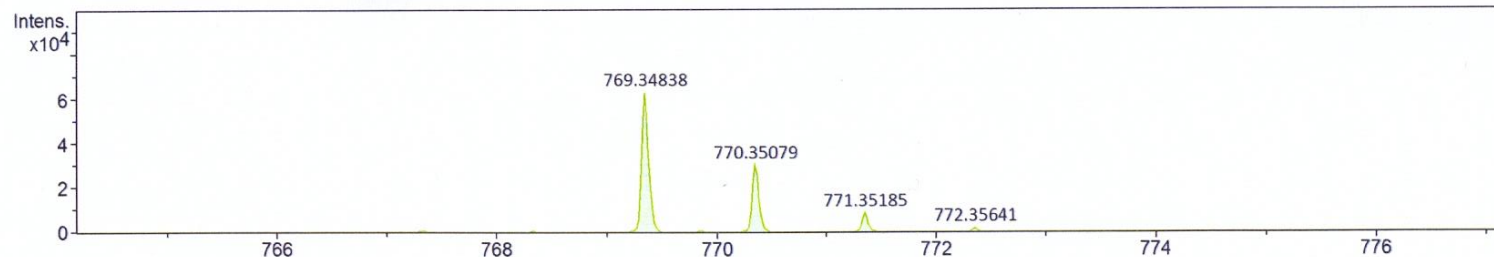
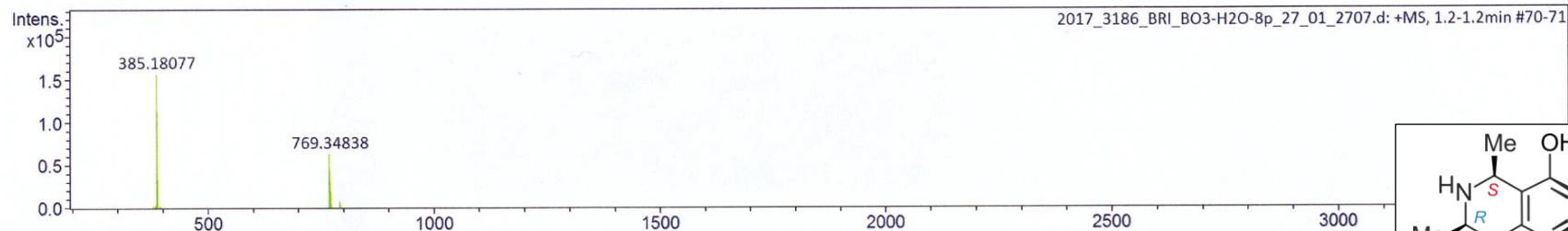
Analysis Info

Analysis Name: D:\Data\Spektren2017\2017_3186_BRI_BO3-H2O-8p_27_01_2707.d
 Method: automation_esi_tune_pos_mid_ja_meoh.m
 Sample Name: 2017_3186_BRI_BO3-H2O-8p
 Comment: Kimbadi Lombe Blaise
 BO3-H2O-8p
 8pmol/ul in MeOH

Acquisition Date: 10/18/2017 12:39:58 PM
 Operator: J.Adelmann
 Instrument: micrOTOF-Q III 8228888.20516

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.7 Bar
Focus	Not active	Set Funnel 1 RF	300.0 Vpp	Set Dry Heater	200 °C
Scan Begin	200 m/z	Set Funnel 2 RF	400.0 Vpp	Set Dry Gas	5.0 l/min
Scan End	3500 m/z	Set Hexapole RF	500.0 Vpp	Set Divert Valve	Source



Meas. m/z	#	Ion Formula	m/z	err [ppm]	mSigma	# mSigma	Score	rdb	e ⁻ Conf	N-Rule
769.34838	1	C47H49N2O8	769.34834	-0.04	25.0	1	100.00	24.5	even	ok

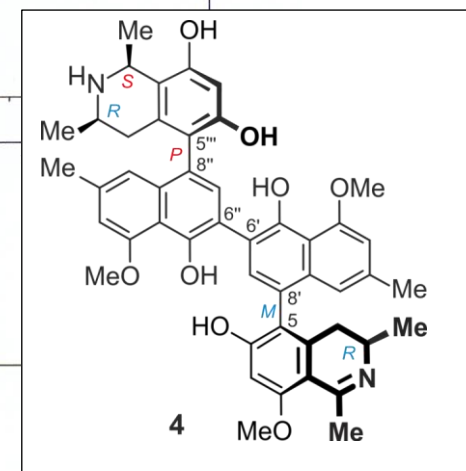
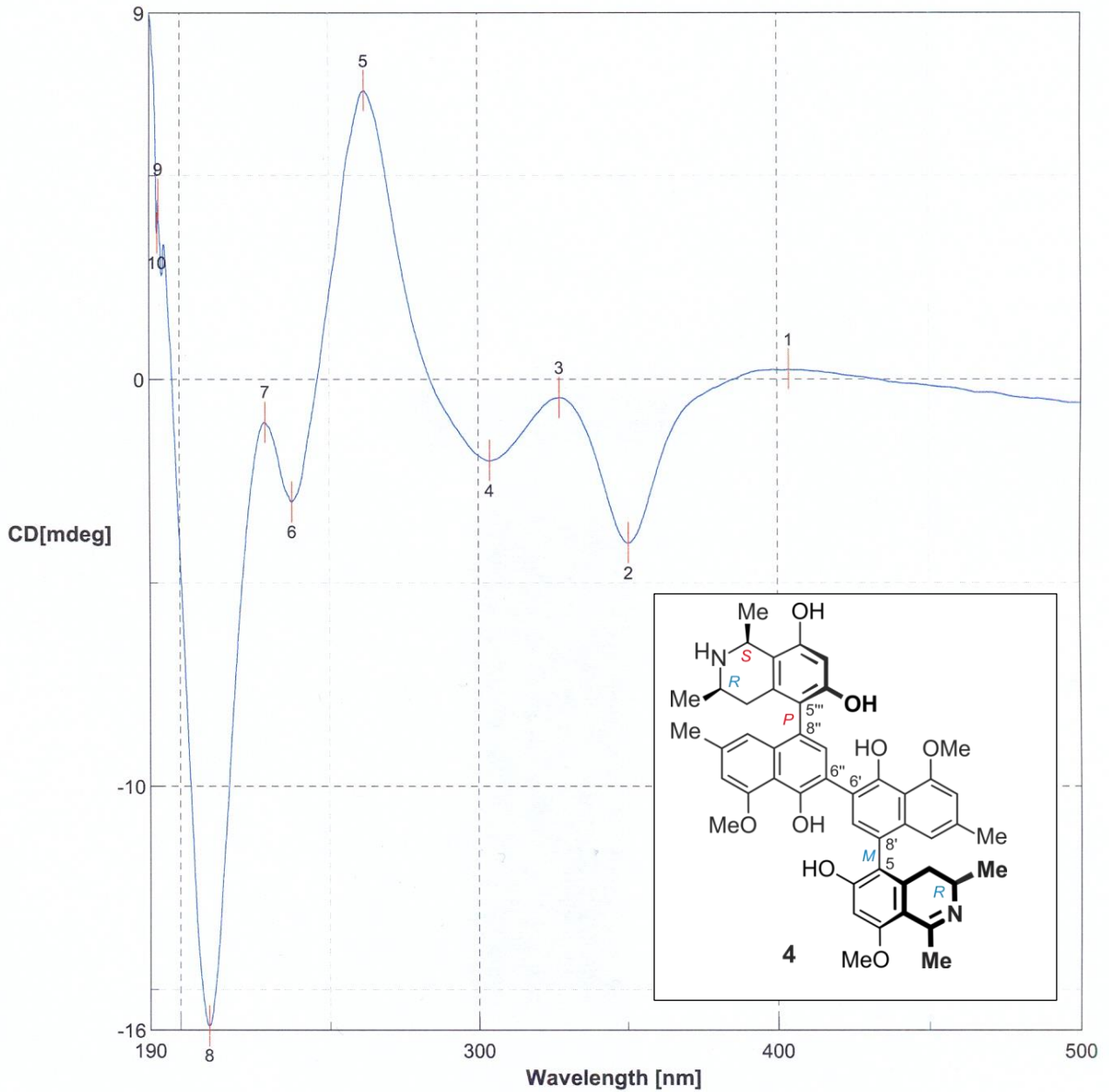


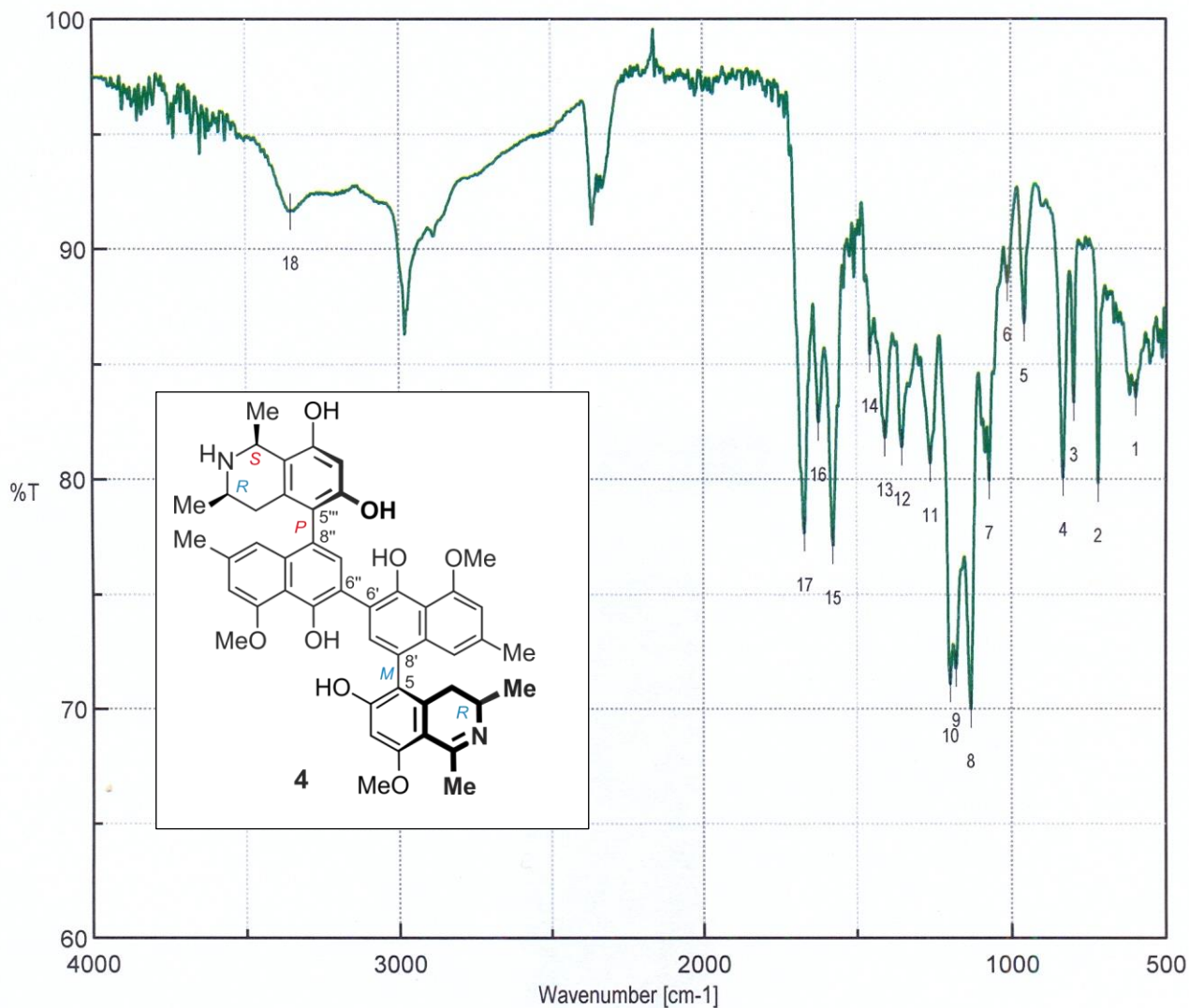
Fig. S43 HRESIMS spectrum of compound **4**



Date/Time 20.12.2017 18:28
 Operator Kimbadi
 File Name BO3-H2O-8_0#005.jws
 Sample Name BO3-H2O-8_0
 Comment offline

No.	nm	CD[mdeg]	No.	nm	CD[mdeg]	No.	nm	CD[mdeg]
1	403.8	0.232944	2	350.3	-4.02852	3	327.3	-0.458048
4	303.8	-2.00276	5	261.8	7.08695	6	237.4	-3.01912
7	228.5	-1.05888	8	209.5	-15.8847	9	193	4.42249
10	192.6	3.59684						

Fig. S44 CD spectrum of compound 4 in methanol



Results of Peak Find					
No.	Position	Intensity	No.	Position	Intensity
1	598.789	83.5223	2	720.282	79.775
3	798.385	83.2913	4	832.133	80.0182
5	957.484	86.7518	6	1011.48	88.4989
7	1071.26	79.9095	8	1132.01	69.9563
9	1180.22	71.7542	10	1198.54	71.0595
11	1262.18	80.6436	12	1353.78	81.3499
13	1407.78	81.7623	14	1455.99	85.4004
15	1577.49	77.0809	16	1623.77	82.4294
17	1670.05	77.6268	18	3353.6	91.6289

[Comments]
 Sample name BO3-H2O-8a
 Comment drop(MeOH)
 User Kimbadi
 Division AK Bringmann
 Company Uni Würzburg

[Measurement Information]
 Model Name FT/IR-4600typeA
 Serial Number D063461786

Accessory ATR PRO ONE
 Accessory S/N A070661809
 Incident angle 45 deg

Measurement Date 20.12.2017 14:32

Light Source Standard
 Detector TGS
 Accumulation 16
 Resolution 4 cm⁻¹
 Zero Filling On
 Apodization Cosine
 Gain Auto (4)
 Aperture Auto (7.1 mm)
 Scanning Speed Auto (2 mm/sec)
 Filter Auto (30000 Hz)

Fig. S45 IR spectrum of compound 4

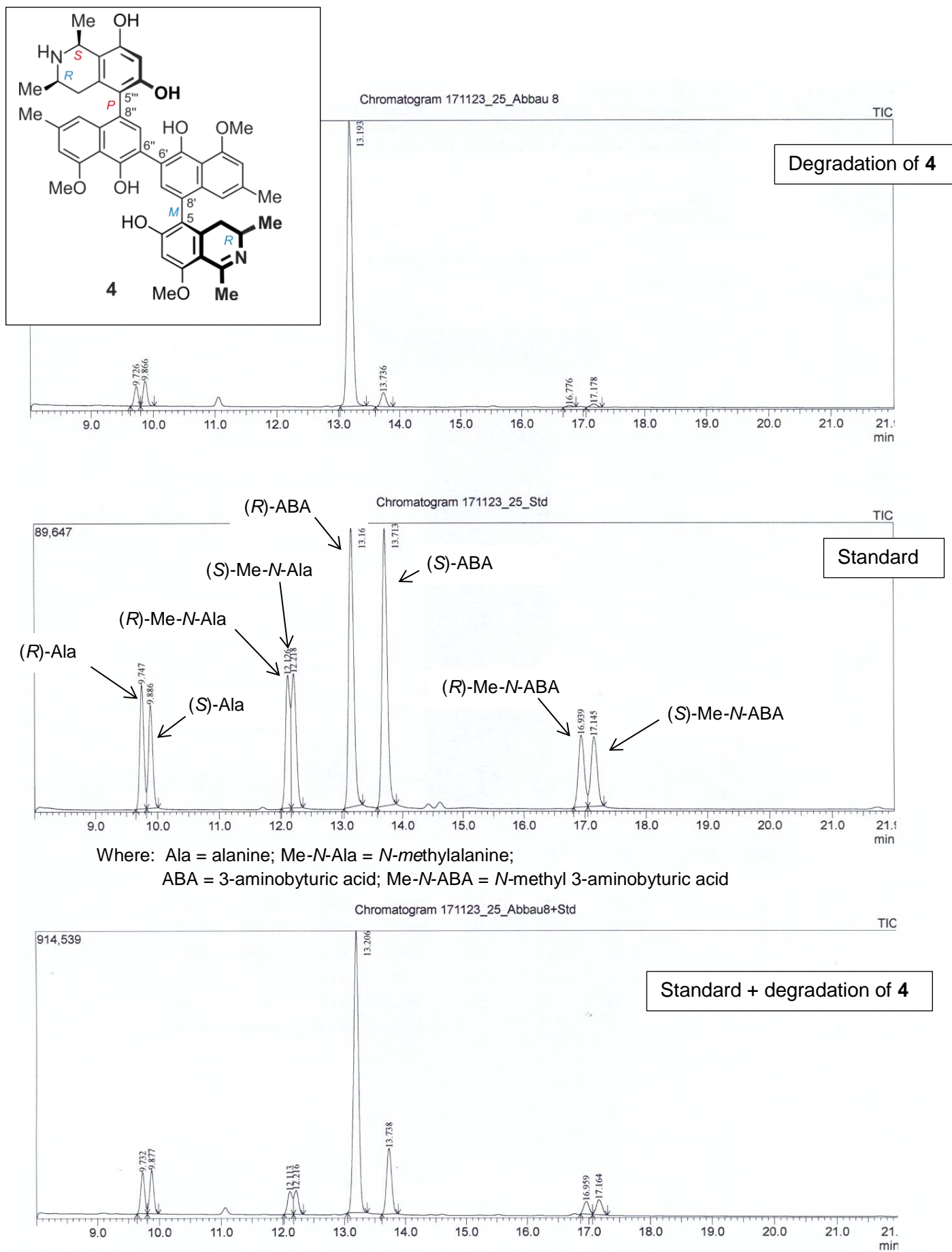


Fig. S46 Results of the oxidative degradation of compound **4**

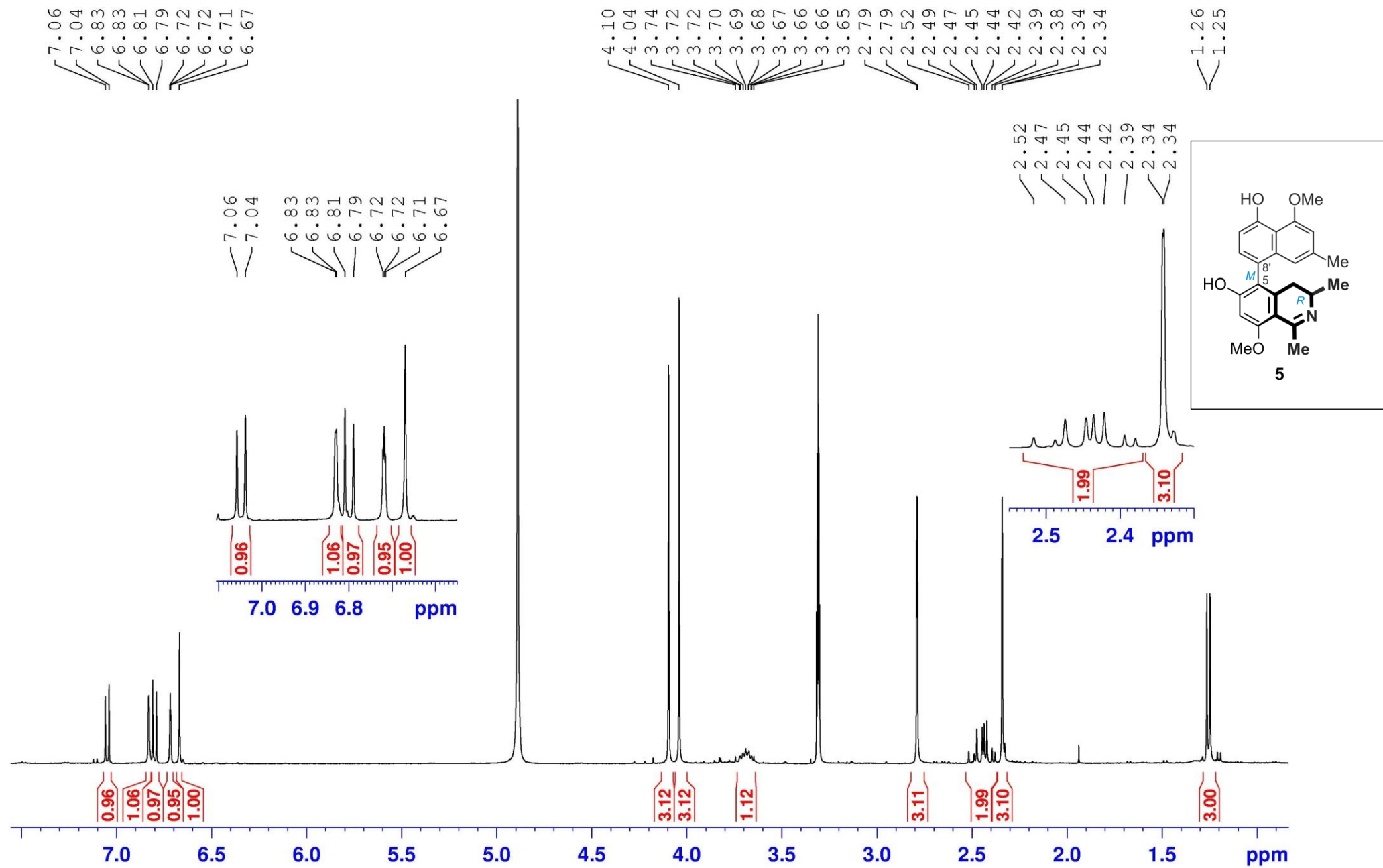


Fig. S47 ^1H NMR spectrum of compound **5** in methanol- d_4

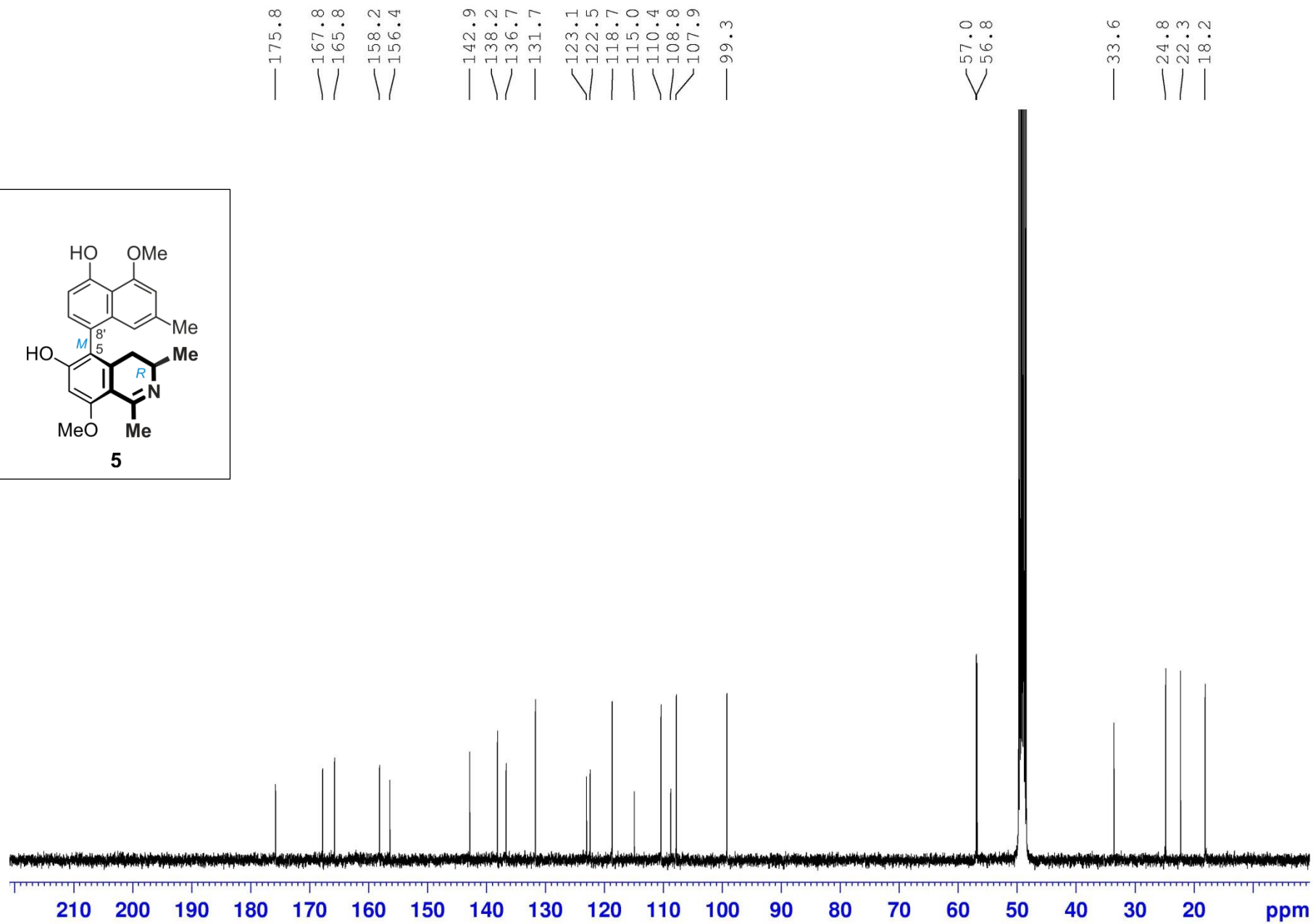
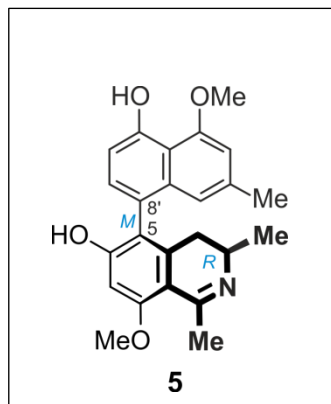


Fig. S48 ^{13}C NMR spectrum of compound **5** in methanol- d_4

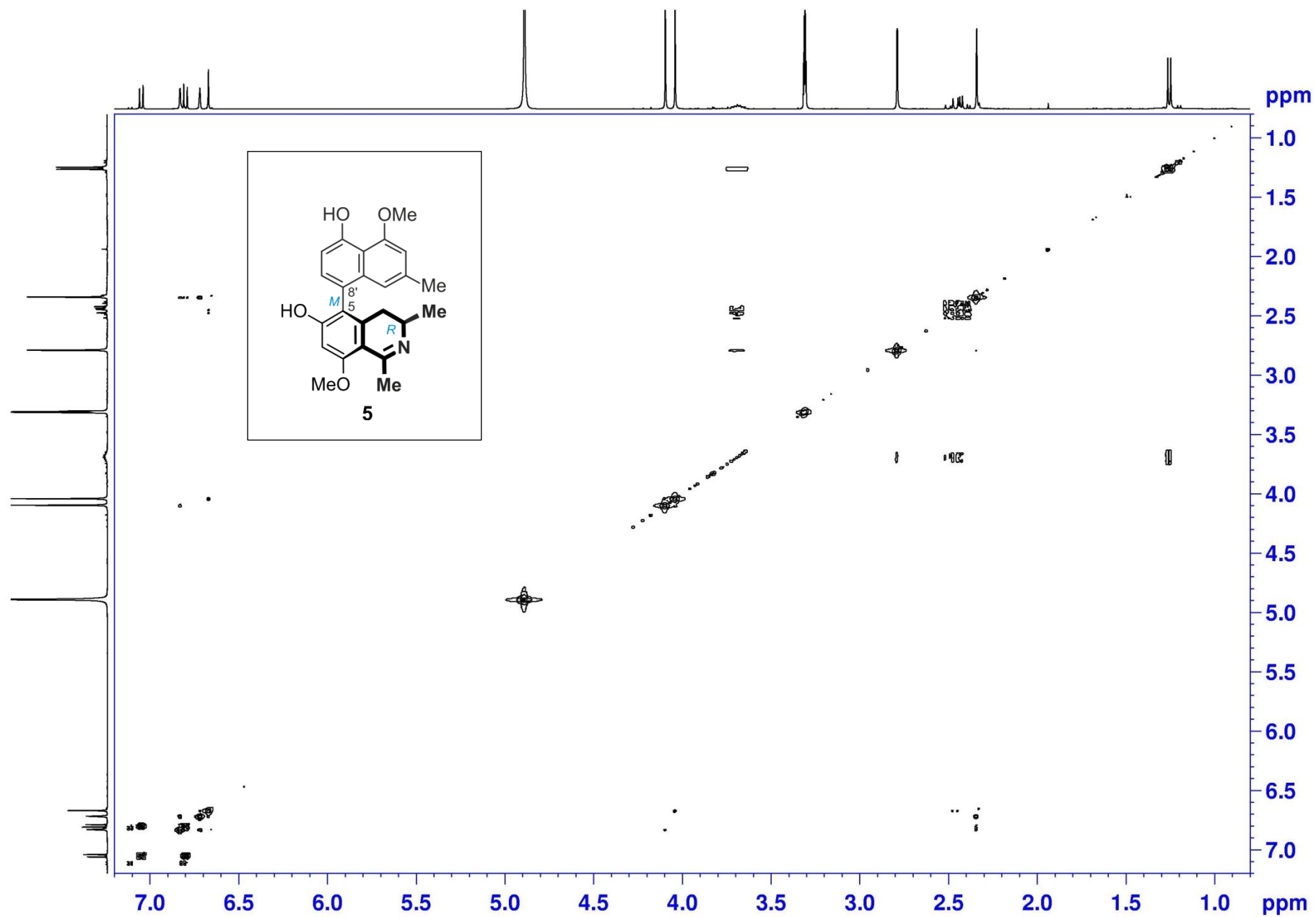


Fig. S49 COSY NMR spectrum of compound **5** in methanol- d_4

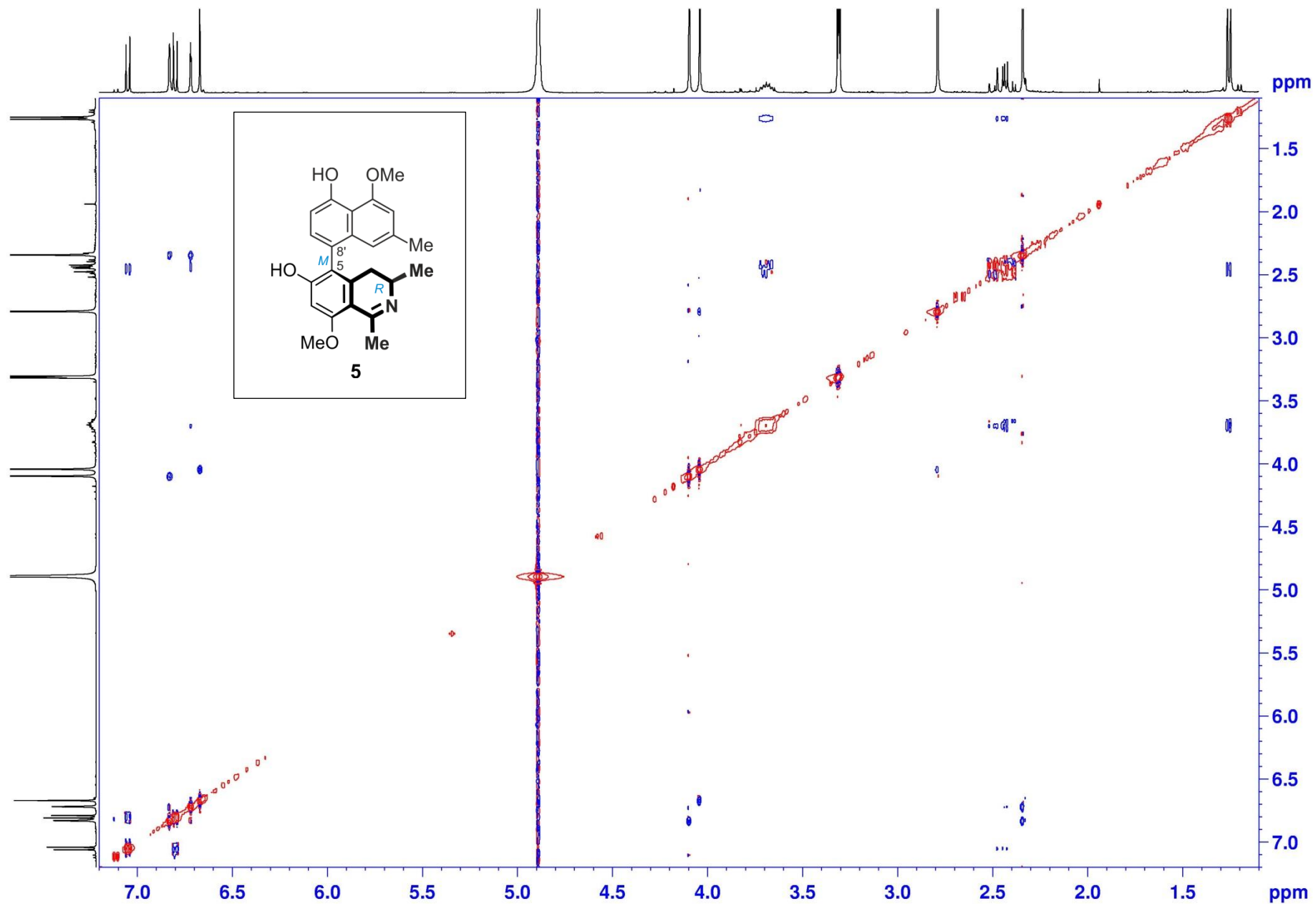


Fig. S50 NOESY NMR spectrum of compound **5** in methanol- d_4

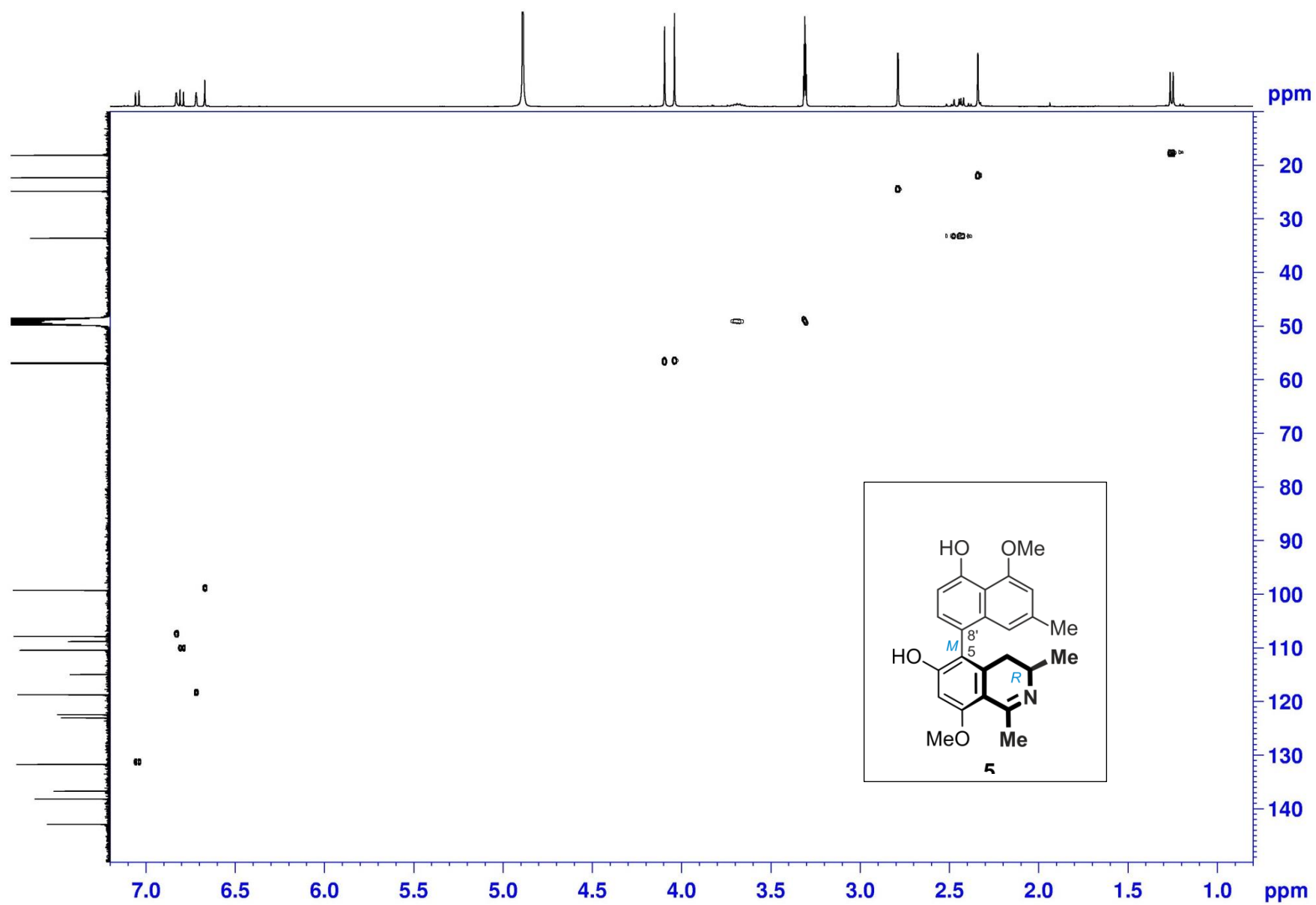


Fig. S51 HSQC NMR spectrum of compound **5** in methanol- d_4

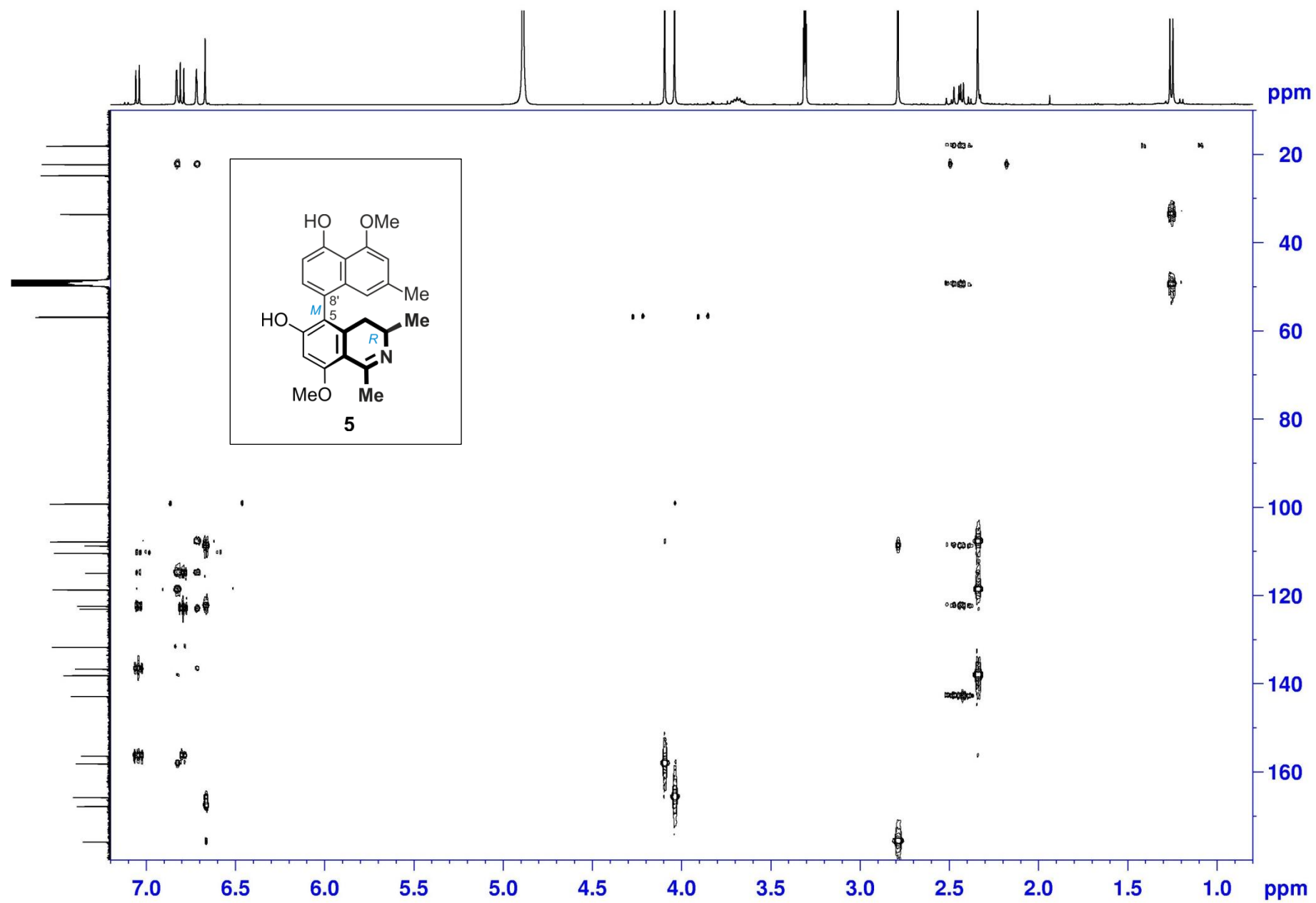


Fig. S52 HMBC NMR spectrum of compound **5** in methanol- d_4

Mass Spectrum Molecular Formula Report

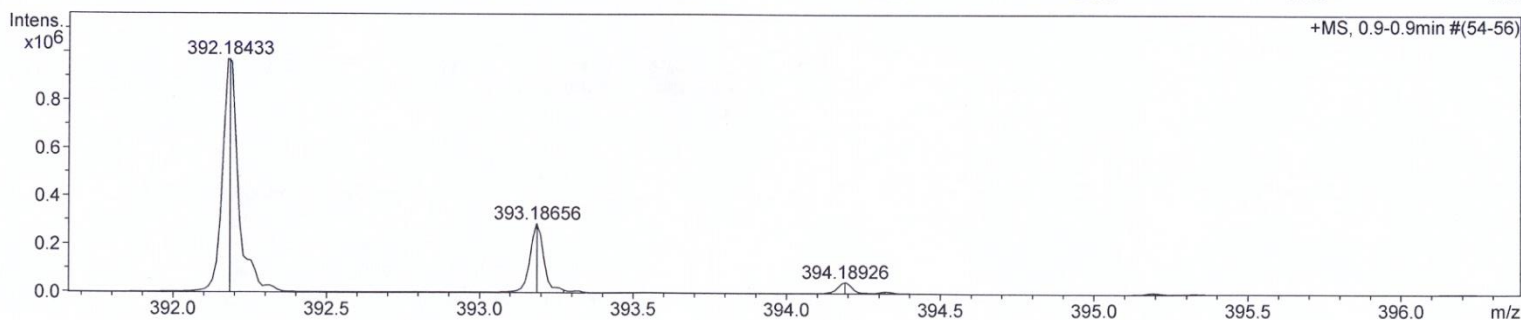
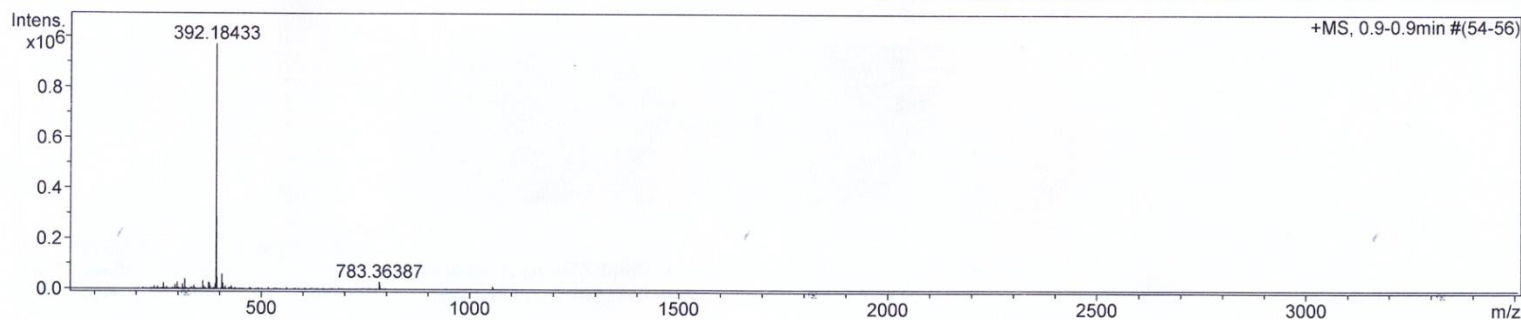
Analysis Info

Analysis Name D:\Data\Spektren2015\2015_2669_BRI_34_01_1128.d
 Method automation_esi_tune_pos_low_JA_MeOH.m
 Comment Blaise Kimbadi Lombe
 B03-DCM-1
 4 pMol/ μ L in MeOH

Acquisition Date 22.12.2015 11:25:32
 Operator Administrator
 Instrument micrOTOF 88

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Corrector Fill	48 V
Scan Range	n/a	Capillary Exit	100.0 V	Set Pulsar Pull	804 V
Scan Begin	50 m/z	Hexapole RF	80.0 V	Set Pulsar Push	807 V
Scan End	3500 m/z	Skimmer 1	50.0 V	Set Reflector	1700 V
		Hexapole 1	23.0 V	Set Flight Tube	8600 V
				Set Detector TOF	2240 V



Sum Formula	Sigma	m/z	Err [ppm]	Mean Err [ppm]	rdb	N Rule	e ⁻
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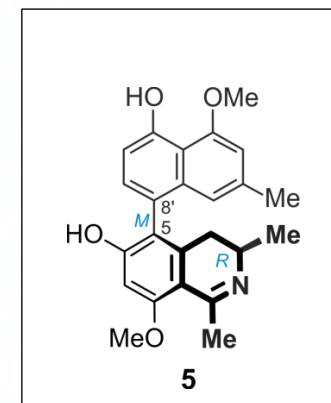
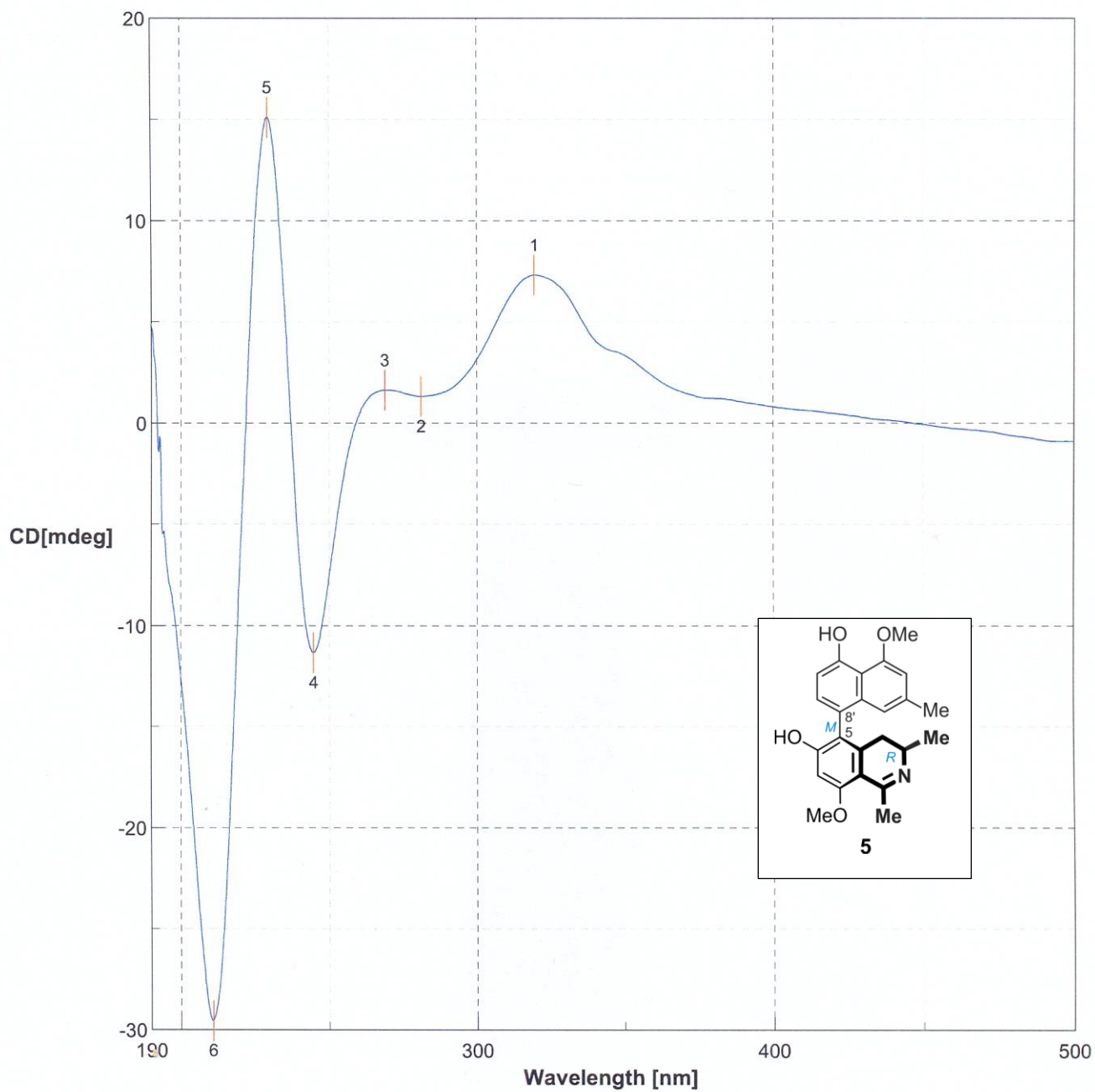


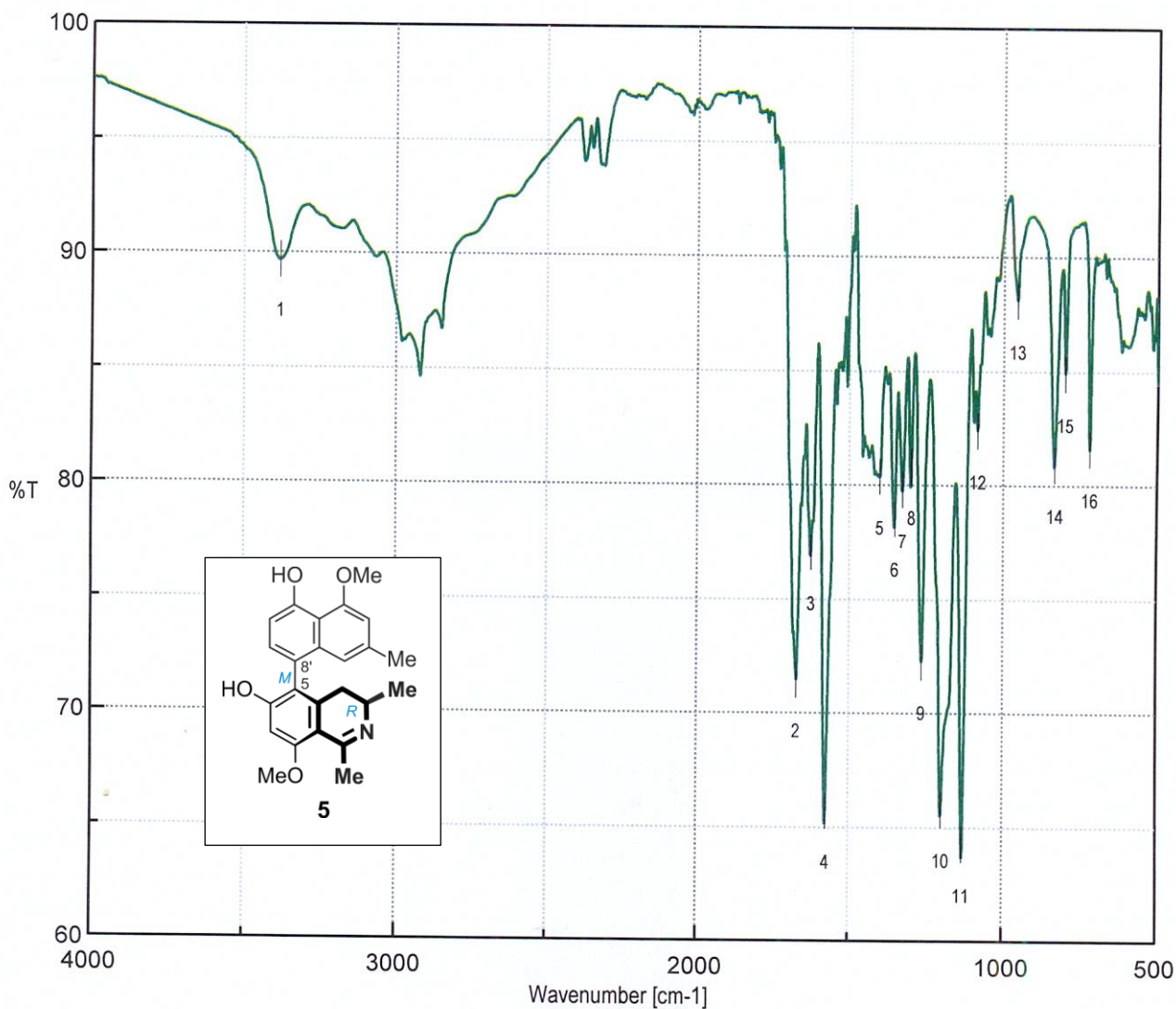
Fig. S53 HRESIMS spectrum of compound 5



Date/Time 07.12.2015 14:49
 Operator kimbadi
 File Name BO3-DCM-1_0#005.jws
 Sample Name BO3-DCM-1_0.5mm_MeOH
 Comment offline

No.	nm	CD[mdeg]	No.	nm	CD[mdeg]	No.	nm	CD[mdeg]
1	319.6	7.31576	2	281.1	1.31883	3	268.8	1.63188
4	244.6	-11.3299	5	229.3	15.1054	6	210.8	-29.5241

Fig. S54 CD spectrum of compound **5** in methanol



Results of Peak Find

No.	Position	Intensity	No.	Position	Intensity
1	3381.57	89.6804	2	1671.02	71.4524
3	1624.73	77.0215	4	1574.59	65.7072
5	1400.07	80.3554	6	1351.86	78.505
7	1325.82	79.7662	8	1296.89	80.7913
9	1264.11	72.2617	10	1197.58	65.779
11	1132.01	64.2582	12	1083.8	82.3768
13	955.555	88.0809	14	832.133	80.8874
15	799.35	84.884	16	720.282	81.586

[Comments]

Sample name BO3-DCM-1
 Comment drop(MeOH)
 User Kimbadi
 Division AK Bringmann
 Company Uni Würzburg

[Measurement Information]

Model Name FT/IR-4600typeA
 Serial Number D063461786

Accessory ATR PRO ONE
 Accessory S/N A070661809
 Incident angle 45 deg

Measurement Date 20.12.2017 15:20

Light Source Standard
 Detector TGS
 Accumulation 16
 Resolution 4 cm-1
 Zero Filling On
 Apodization Cosine
 Gain Auto (4)
 Aperture Auto (7.1 mm)
 Scanning Speed Auto (2 mm/sec)
 Filter Auto (30000 Hz)

Fig. S55 IR spectrum of compound 5

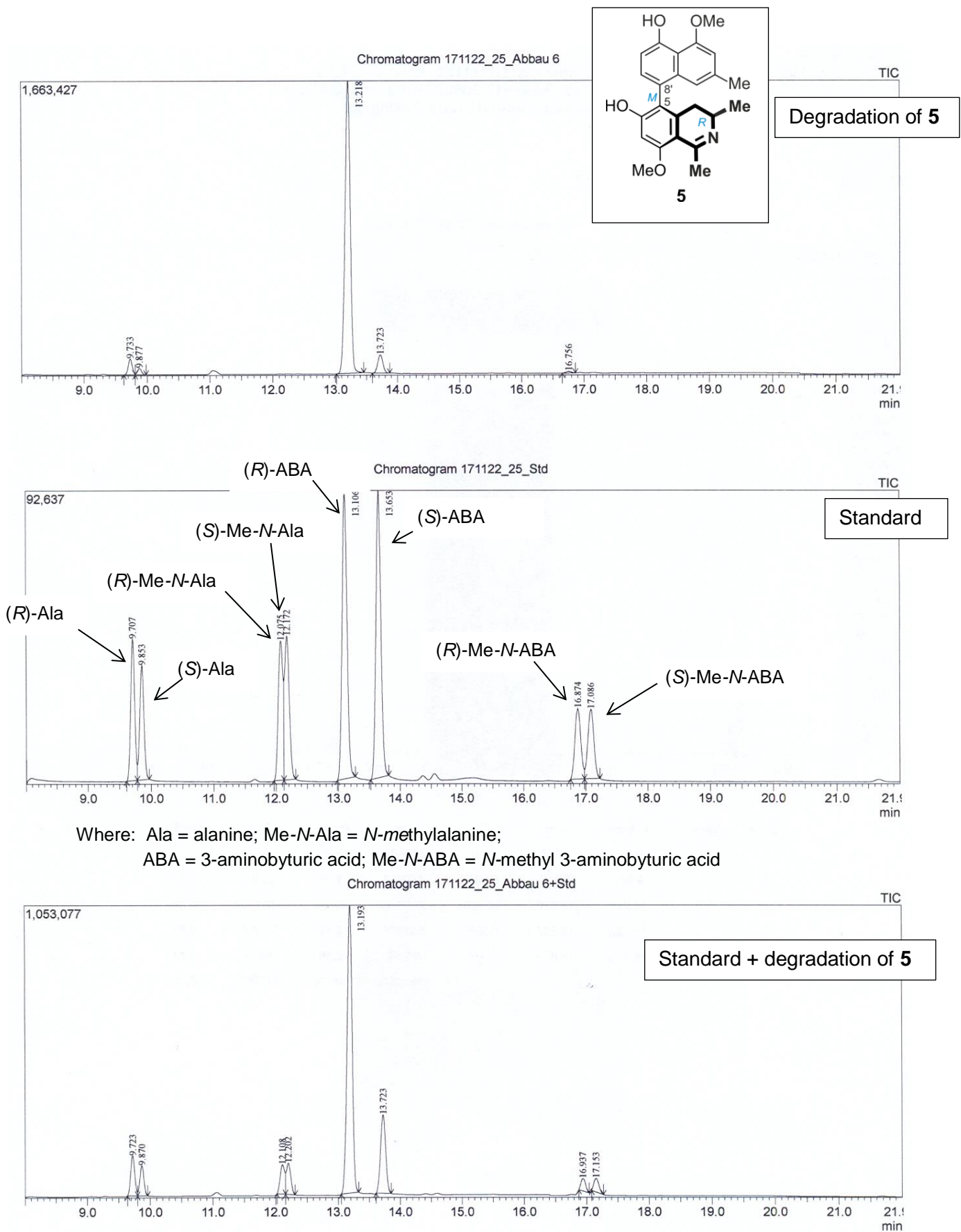


Fig. S56 Results of the oxidative degradation of compound **5**

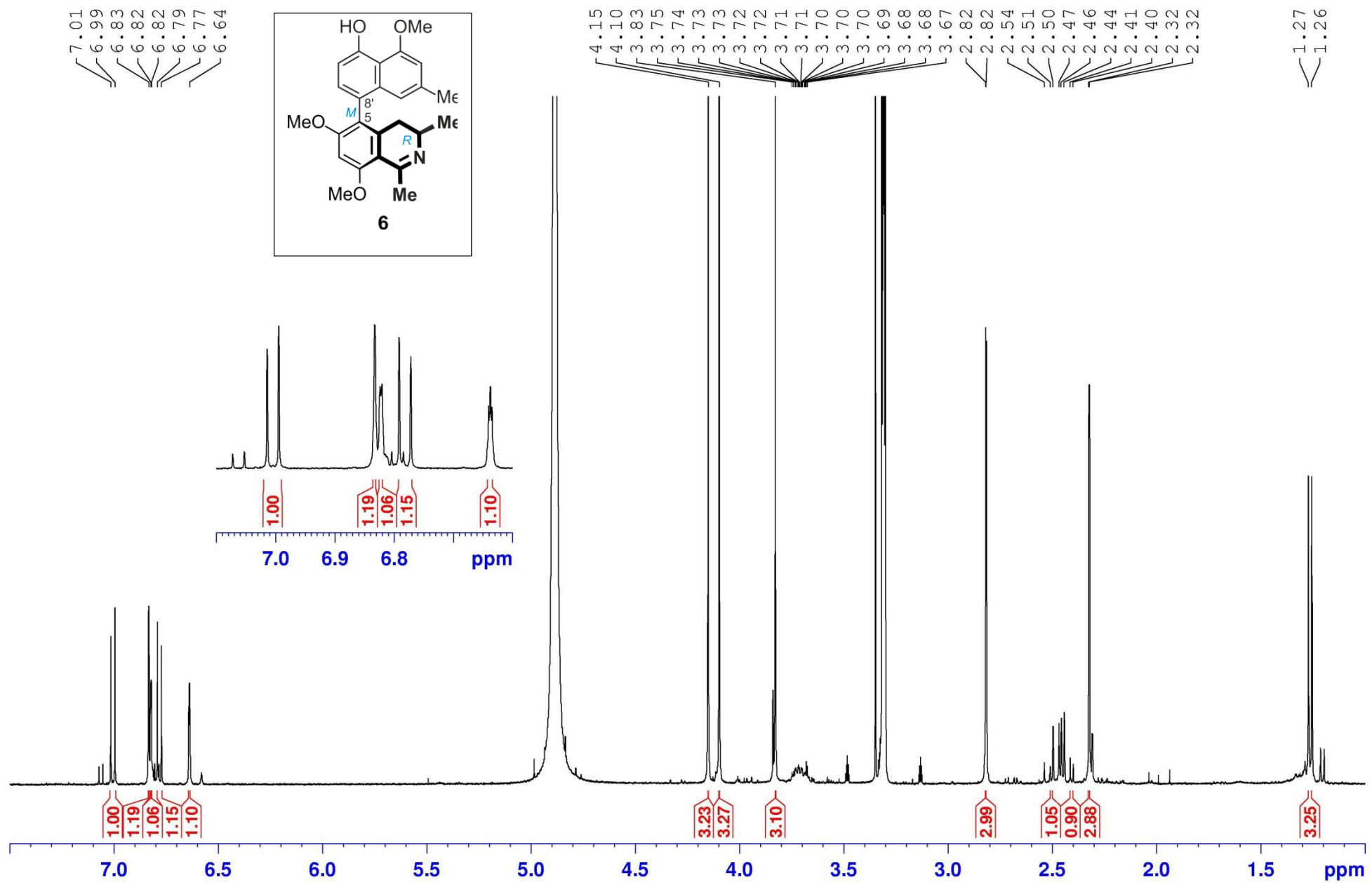


Fig. S57 ^1H NMR spectrum of compound **6** in methanol- d_4

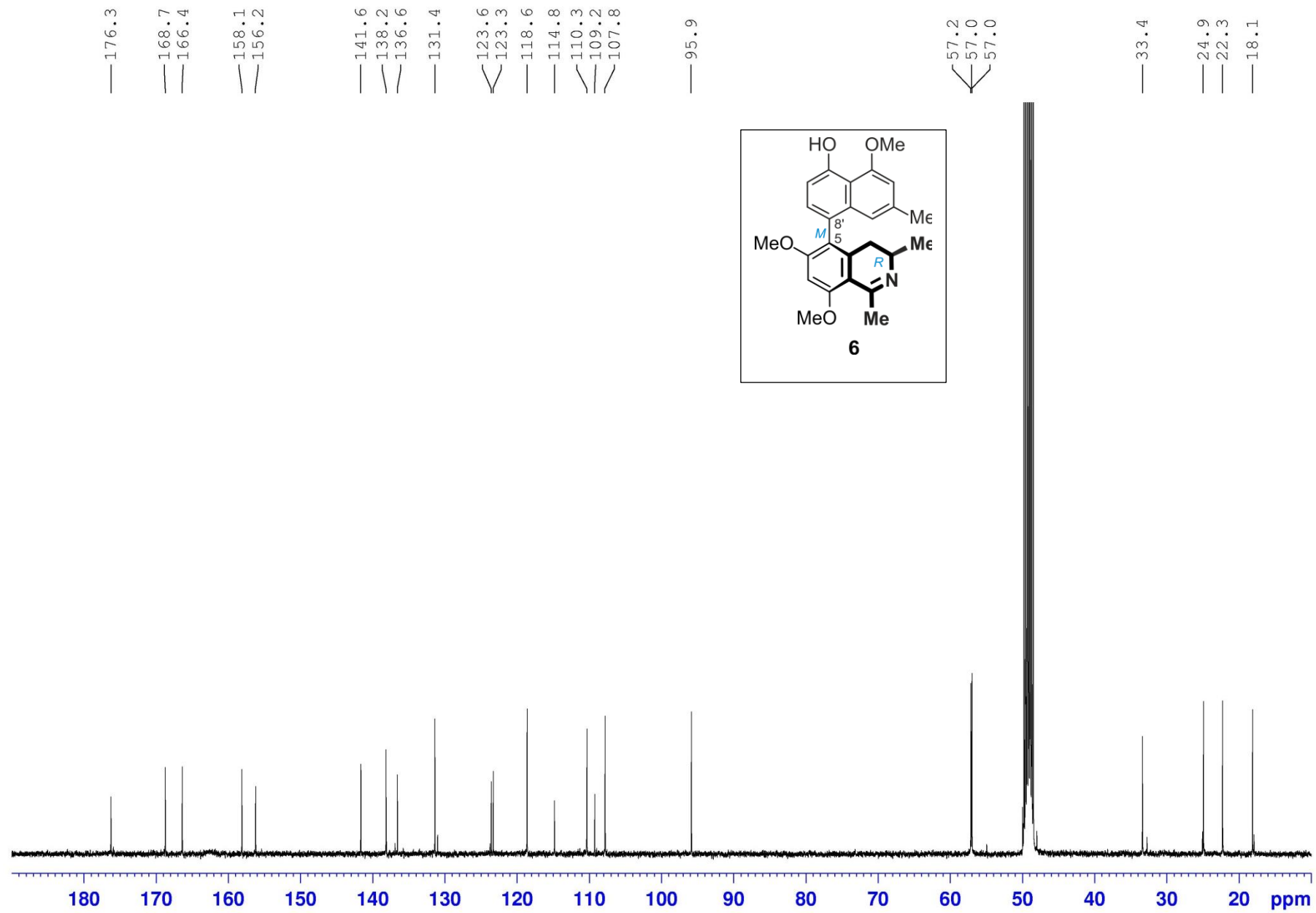


Fig. S58 ^{13}C NMR spectrum of compound **6** in methanol- d_4

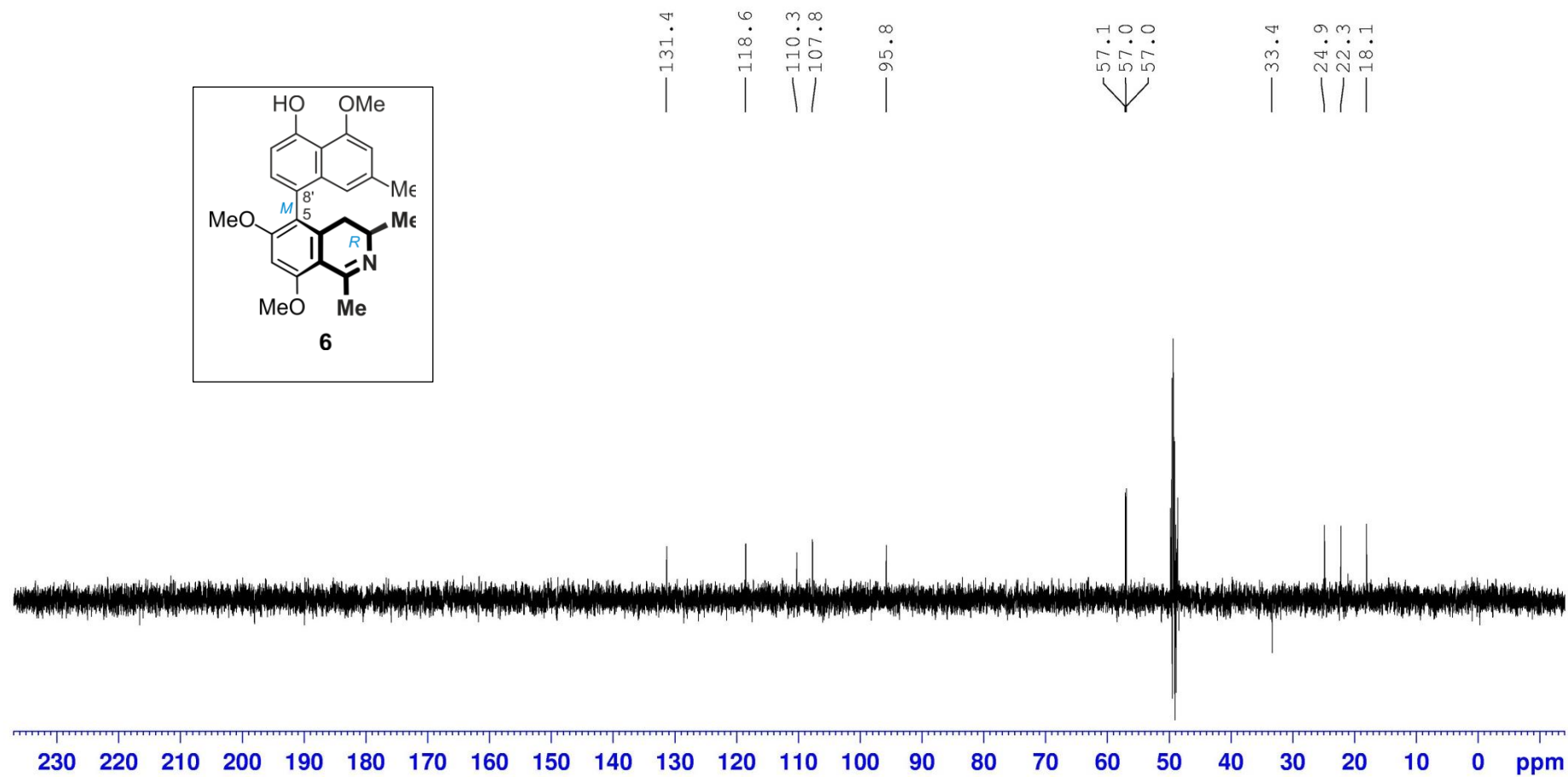


Fig. S59 DEPT-135 NMR spectrum of compound **6** in methanol- d_4

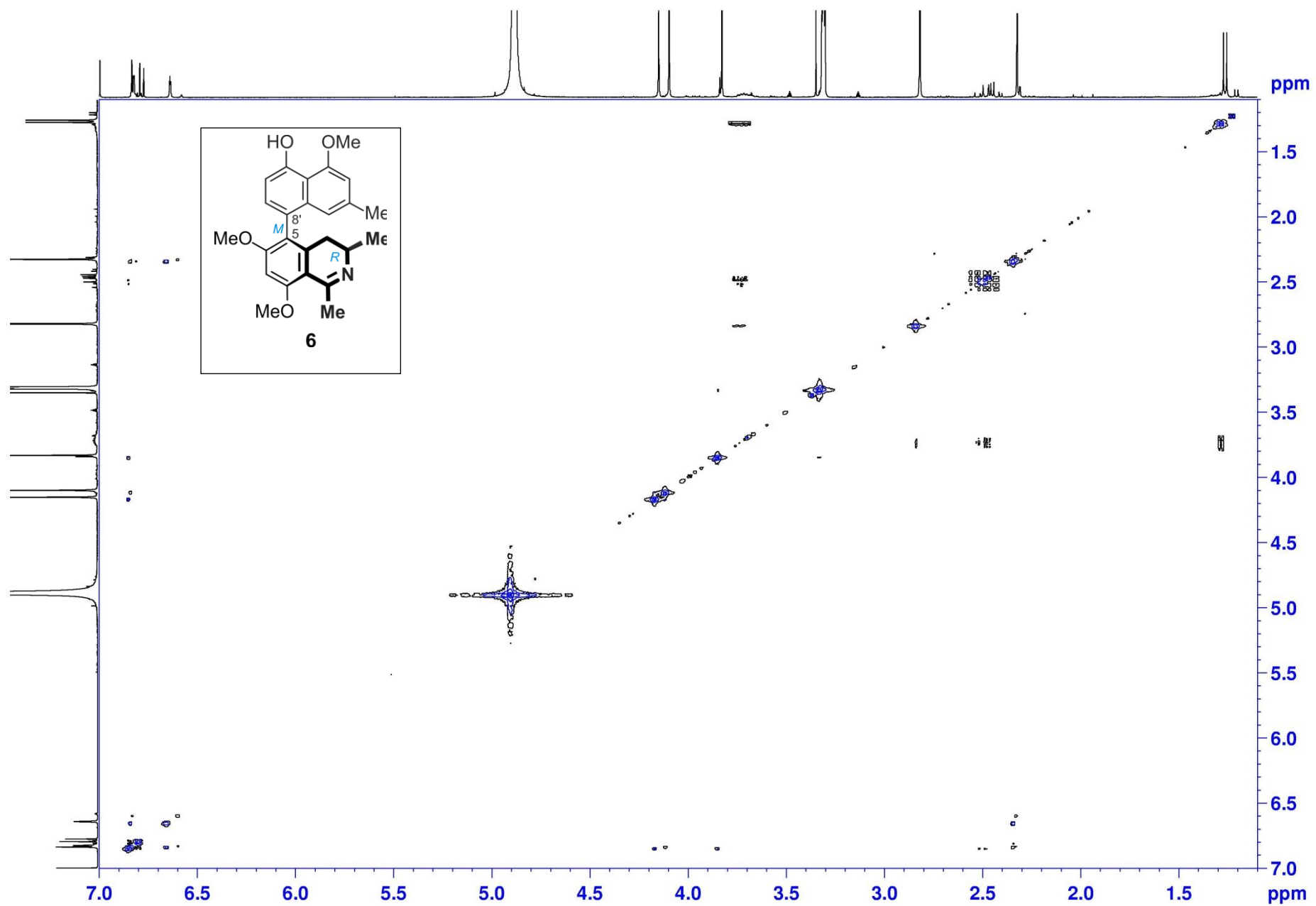


Fig. S60 COSY NMR spectrum of compound **6** in methanol- d_4

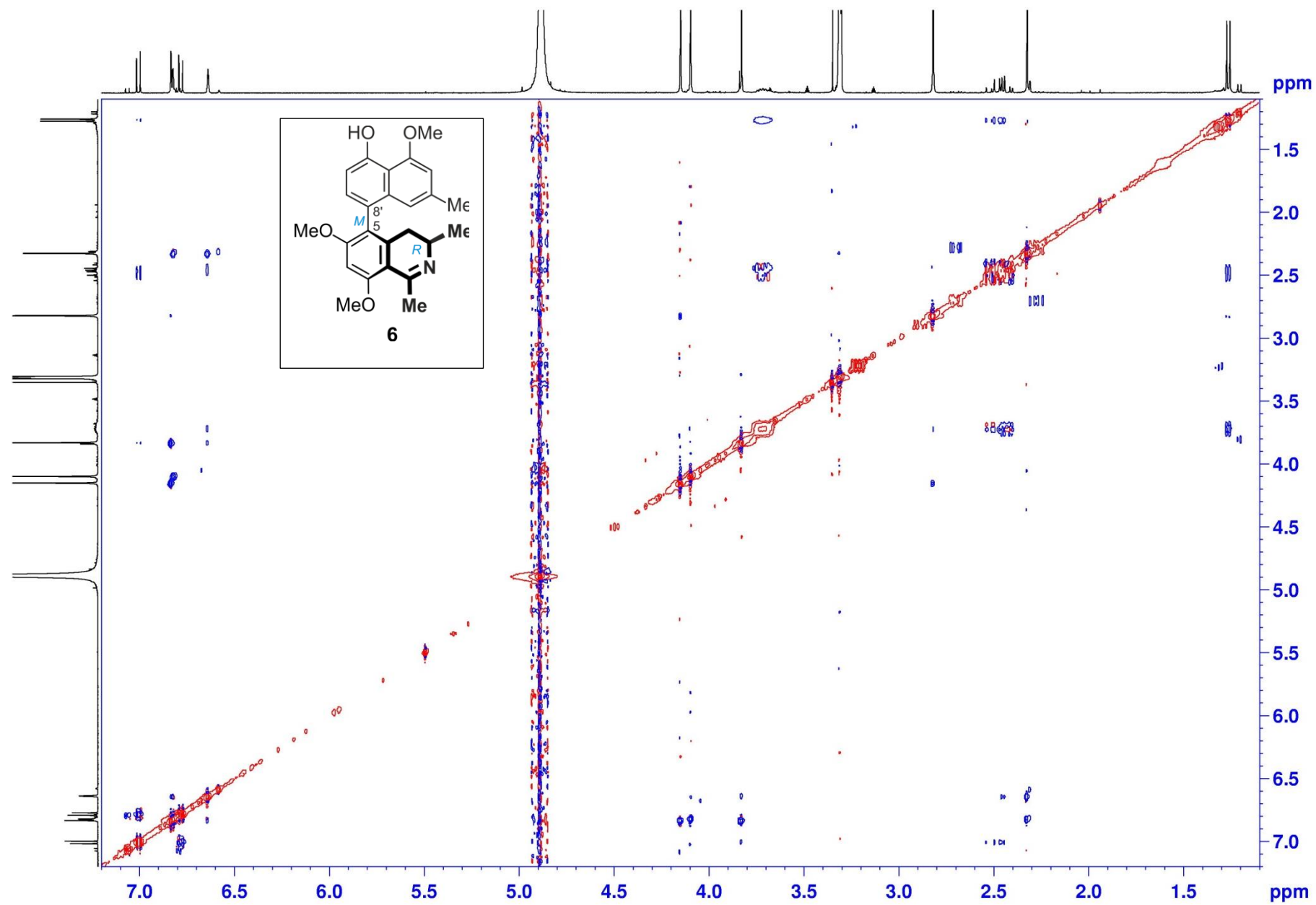


Fig. S61 NOESY NMR spectrum of compound 6 in methanol- d_4

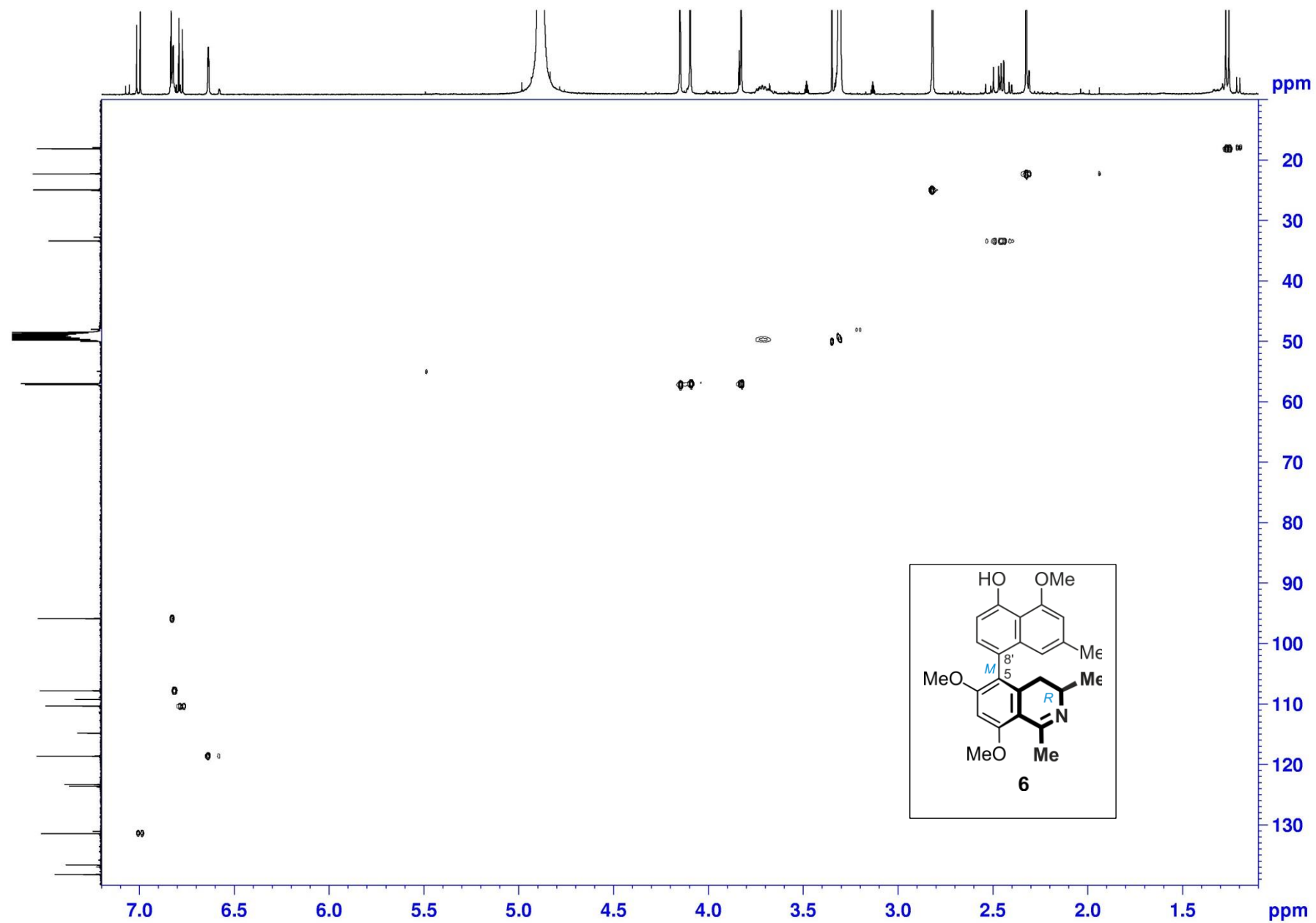


Fig. S62 HSQC NMR spectrum of compound **6** in methanol- d_4

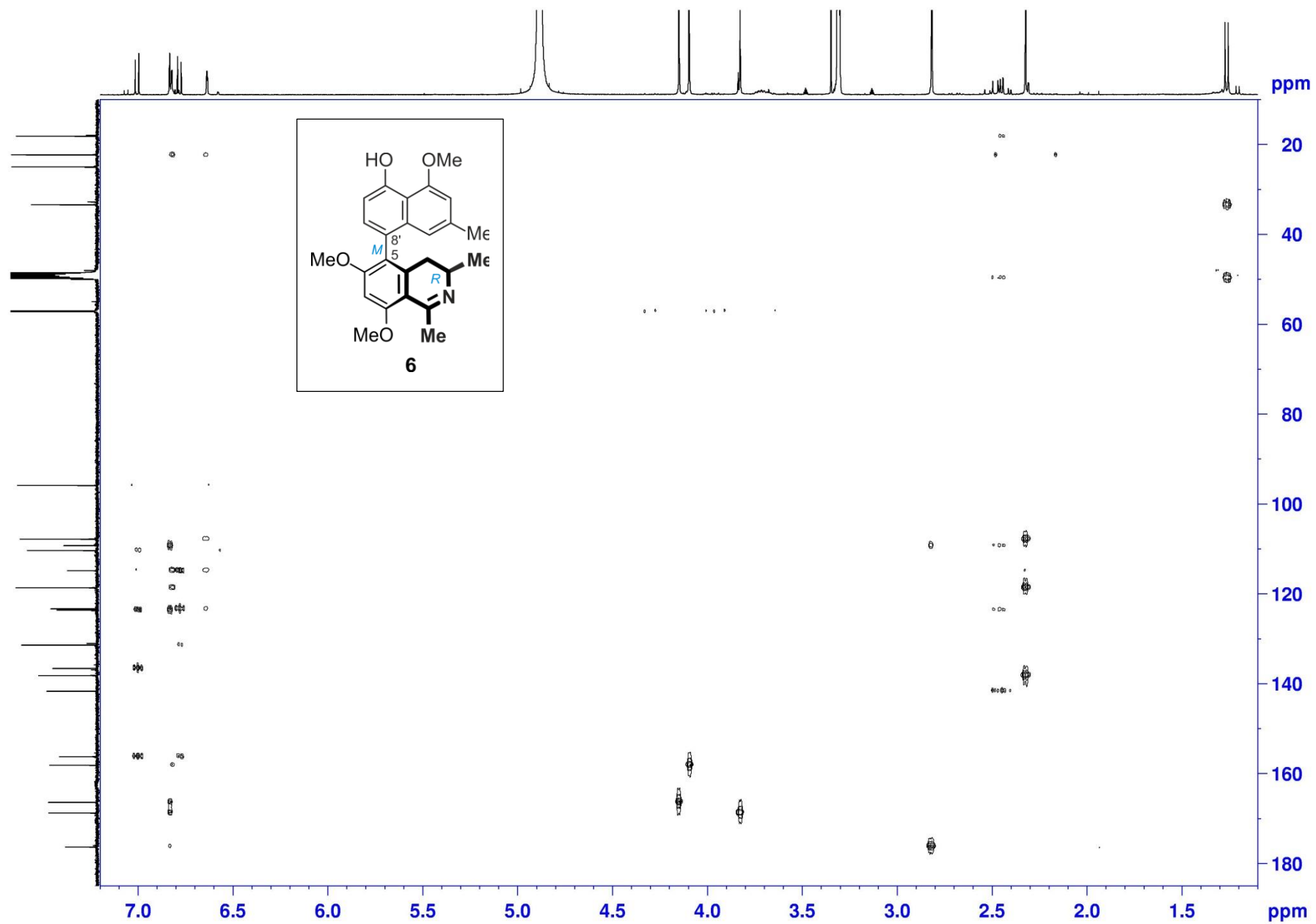


Fig. S63 HMBC NMR spectrum of compound **6** in methanol-*d*₄

Mass Spectrum SmartFormula Report

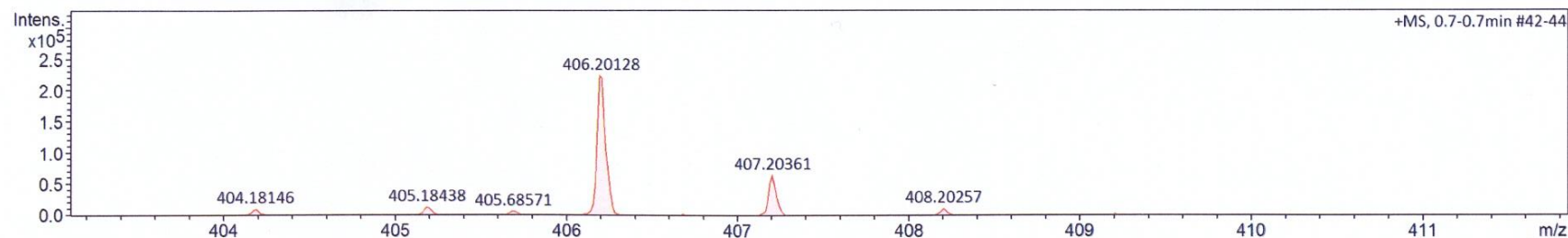
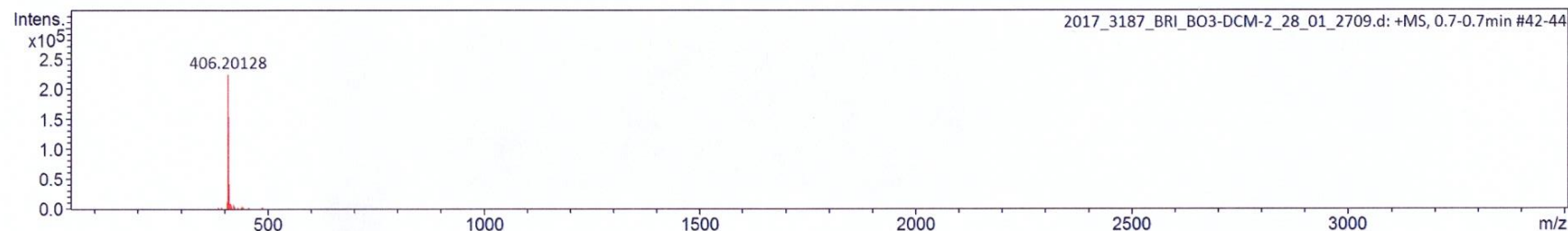
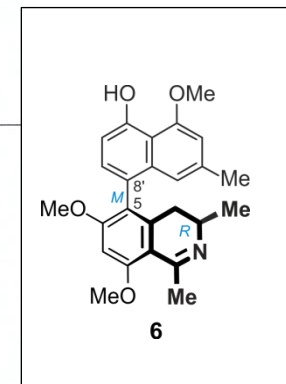
Analysis Info

Analysis Name D:\Data\Spektren2017\2017_3187_BRI_BO3-DCM-2_28_01_2709.d
 Method automation_esi_tune_pos_low_ja_meoh.m
 Sample Name 2017_3187_BRI_BO3-DCM-2
 Comment Kimbadi Lombe Blaise
 BO3-DCM-2
 4pmol/ul in MeOH

Acquisition Date 10/18/2017 12:51:23 PM
 Operator J.Adelmann
 Instrument micrOTOF-Q III 8228888.20516

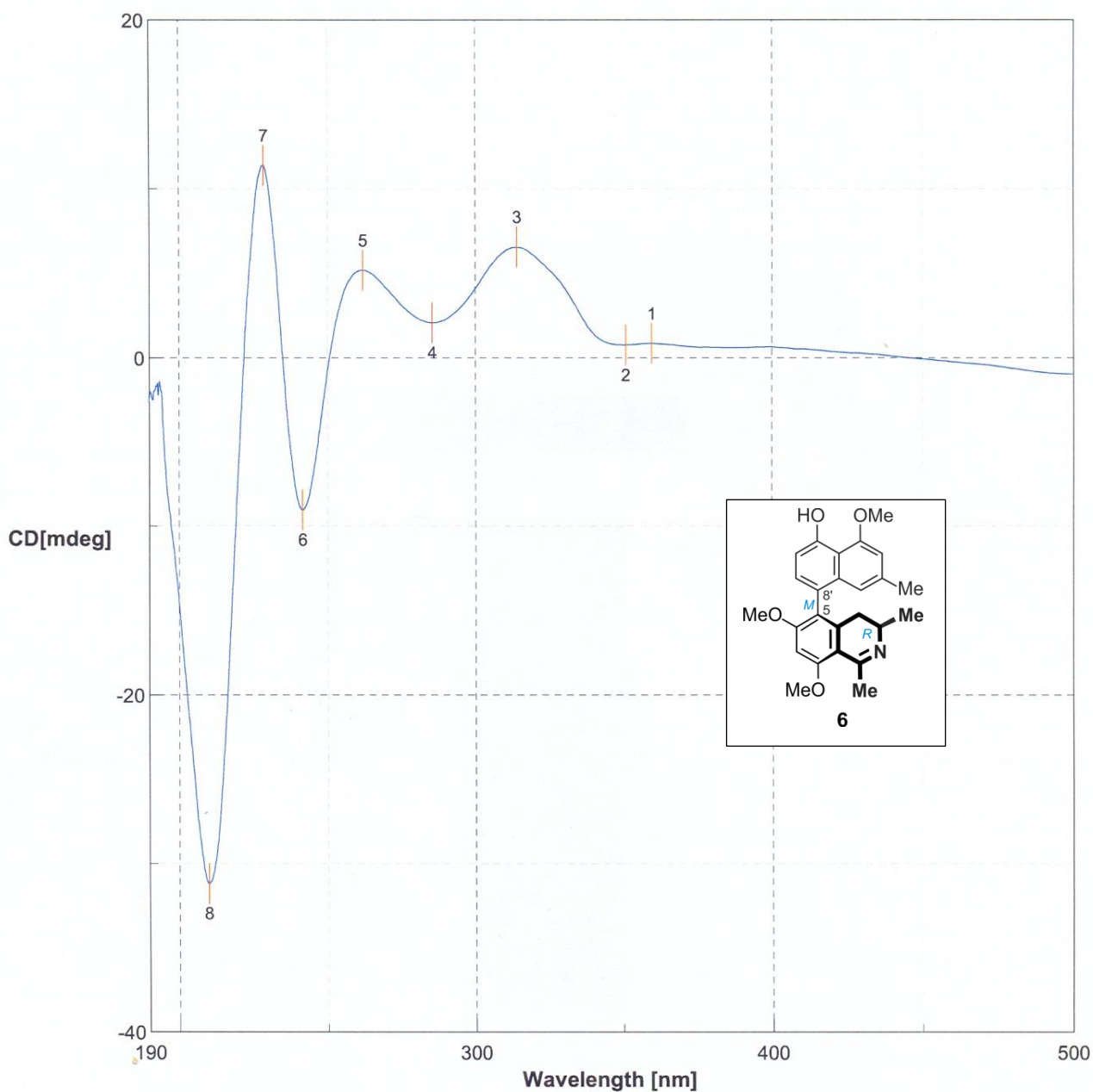
Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.7 Bar
Focus	Not active	Set Funnel 1 RF	100.0 Vpp	Set Dry Heater	200 °C
Scan Begin	50 m/z	Set Funnel 2 RF	200.0 Vpp	Set Dry Gas	5.0 l/min
Scan End	3500 m/z	Set Hexapole RF	300.0 Vpp	Set Divert Valve	Source



Meas. m/z	#	Ion Formula	m/z	err [ppm]	mSigma	# mSigma	Score	rdb	e ⁻ Conf	N-Rule
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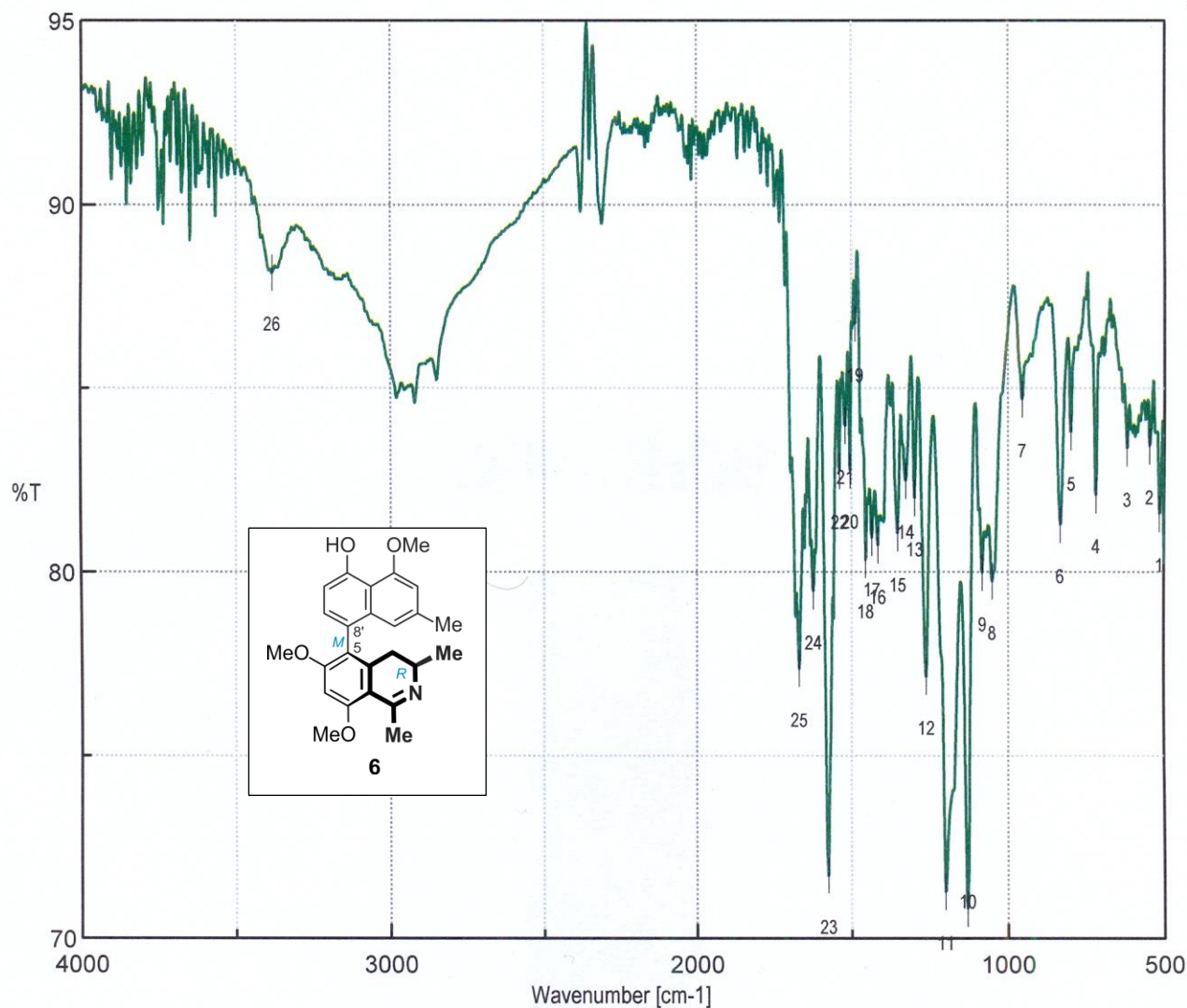
Fig. S64 HRESIMS spectrum of compound 6



Date/Time 07.12.2015 16:07
 Operator kimbadi
 File Name BO3-DCM-2_0#008.jws
 Sample Name BO3-DCM-2_0.5mm_MeOH
 Comment offline

No.	nm	CD[mdeg]	No.	nm	CD[mdeg]	No.	nm	CD[mdeg]
1	359.8	0.84886	2	351	0.744126	3	314.2	6.54529
4	285.5	2.06942	5	261.9	5.18564	6	241.5	-9.03143
7	228.5	11.3892	8	209.9	-31.1757			

Fig. S65 CD spectrum of compound **6** in methanol



Results of Peak Find

No.	Position	Intensity	No.	Position	Intensity
1	514.901	81.5707	2	546.72	83.4091
3	618.074	83.3565	4	719.318	82.0696
5	798.385	83.7888	6	834.062	81.2748
7	955.555	84.6867	8	1051.98	79.7329
9	1083.8	79.9696	10	1130.08	70.8203
11	1199.51	71.2812	12	1263.15	77.1434
13	1298.82	81.9981	14	1327.75	82.4623
15	1353.78	81.0307	16	1418.39	80.7039
17	1436.71	80.9161	18	1456.96	80.3115
19	1488.78	86.739	20	1507.1	82.757
21	1521.56	83.9655	22	1540.85	82.7297
23	1576.52	71.7095	24	1625.7	79.471
25	1670.05	77.3638	26	3383.5	88.127

[Comments]

Sample name BO3-DCM-2b
 Comment drop(MeOH)
 User Kimbadi
 Division AK Bringmann
 Company Uni Würzburg

[Measurement Information]

Model Name FT/IR-4600typeA
 Serial Number D063461786

Accessory ATR PRO ONE
 Accessory S/N A070661809
 Incident angle 45 deg

Measurement Date 20.12.2017 16:02

Light Source Standard
 Detector TGS
 Accumulation 16
 Resolution 4 cm-1
 Zero Filling On
 Apodization Cosine
 Gain Auto (4)
 Aperture Auto (7.1 mm)
 Scanning Speed Auto (2 mm/sec)
 Filter Auto (30000 Hz)

Fig. S66 IR spectrum of compound 6

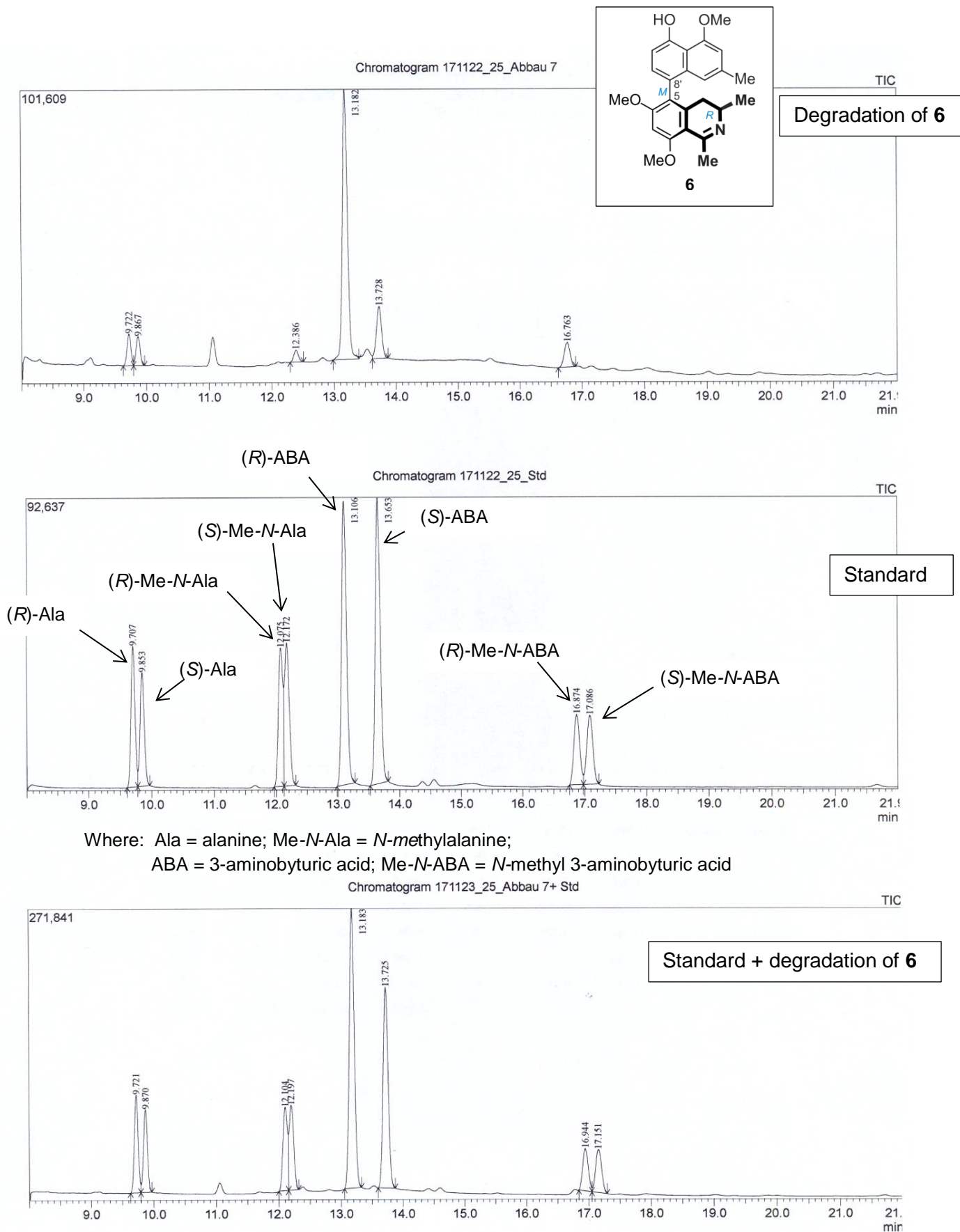


Fig. S67 Results of the oxidative degradation of compound 6