

Article

New Naphthalene Derivatives from the Mangrove Endophytic Fungus *Daldinia eschscholzii* MCZ-18

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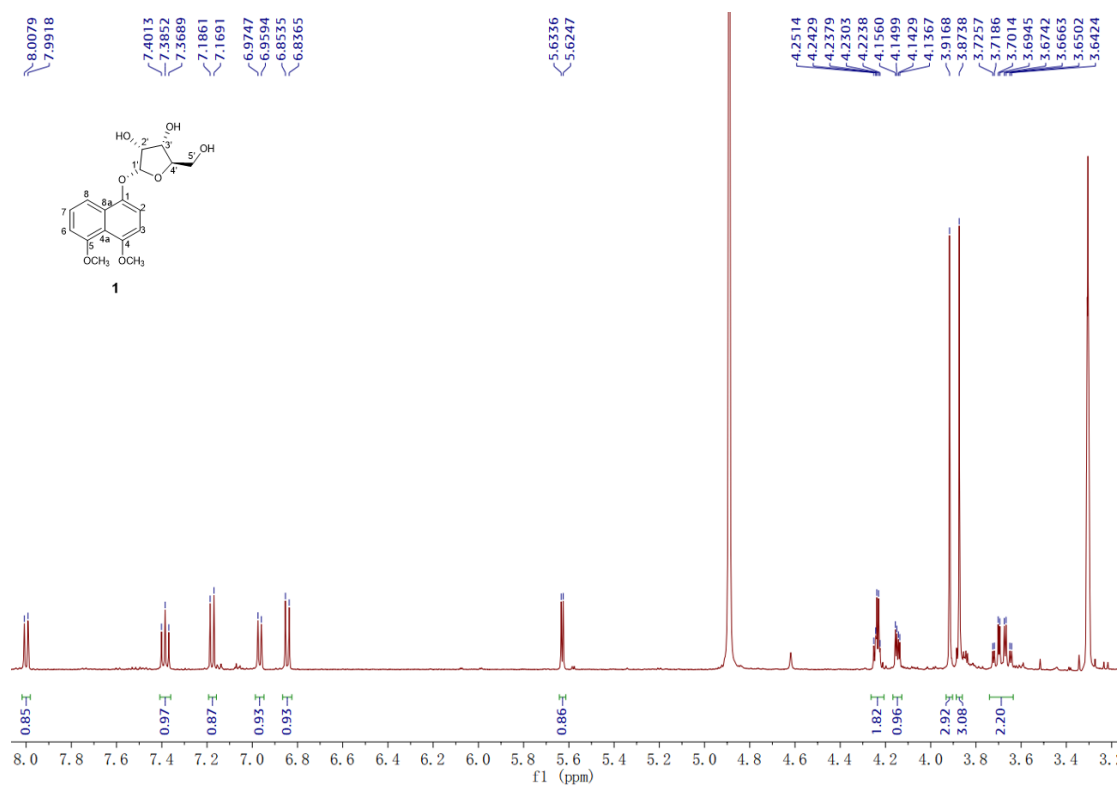


Figure S1. ^1H -NMR of compound **1**

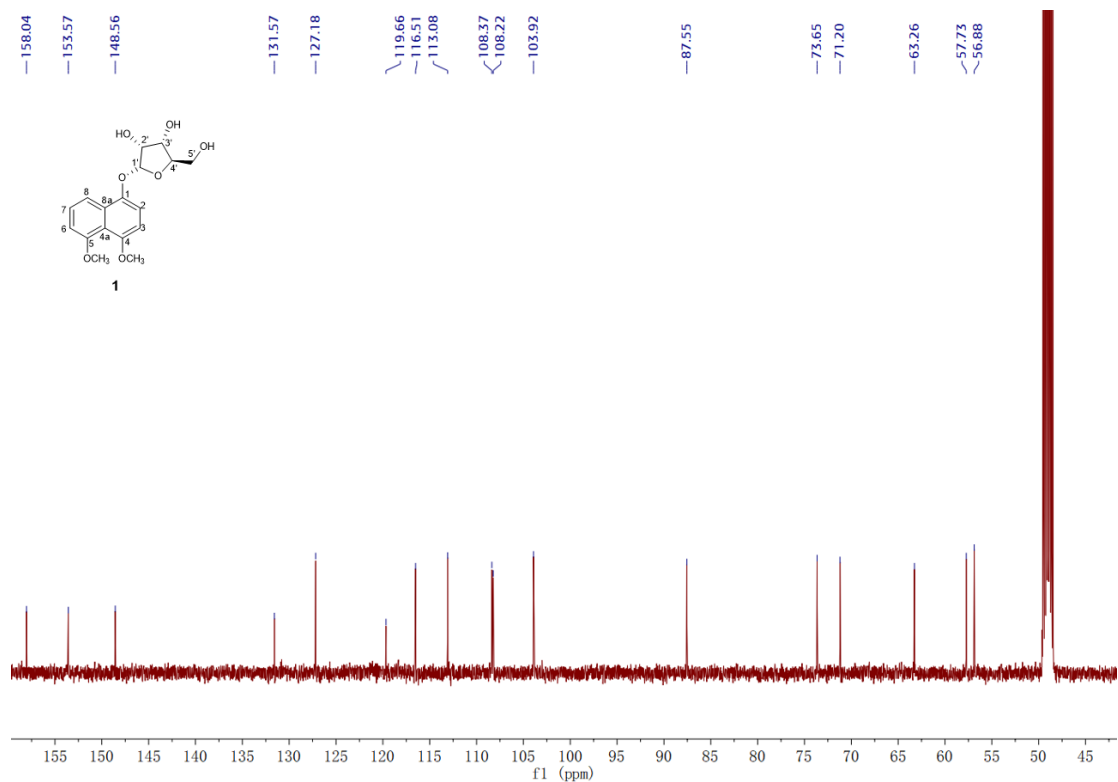


Figure S2. ^{13}C -NMR of compound **1**

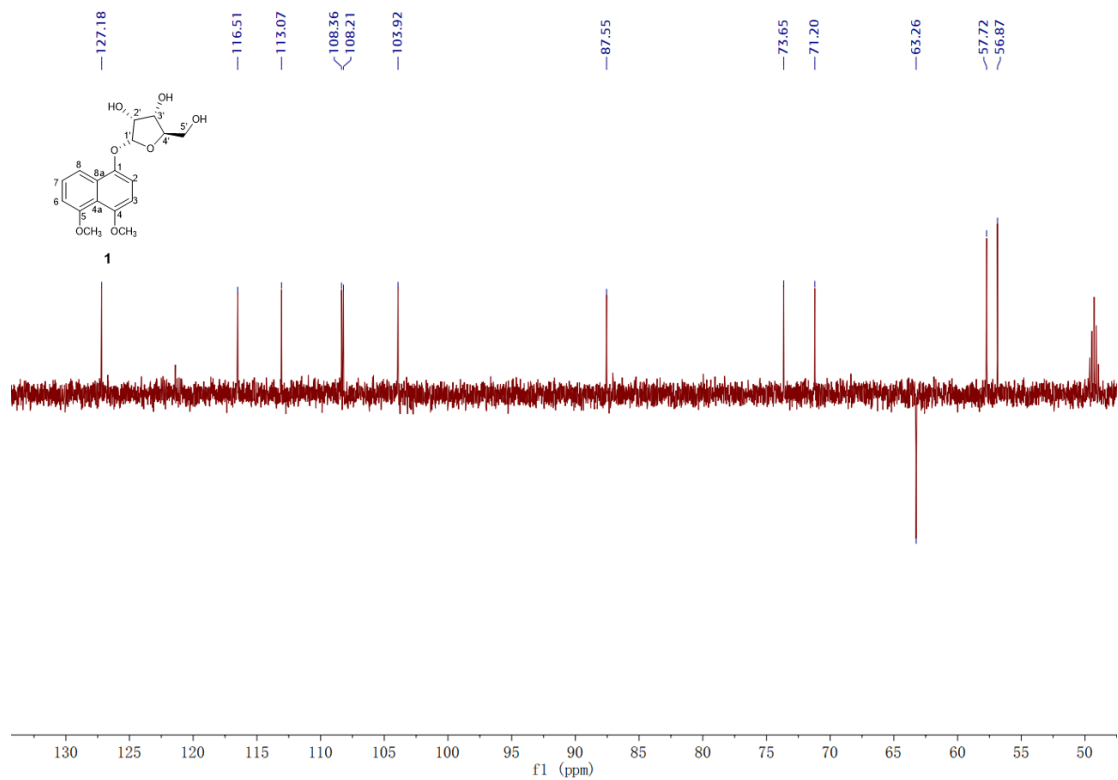


Figure S3. DEPT of compound **1**

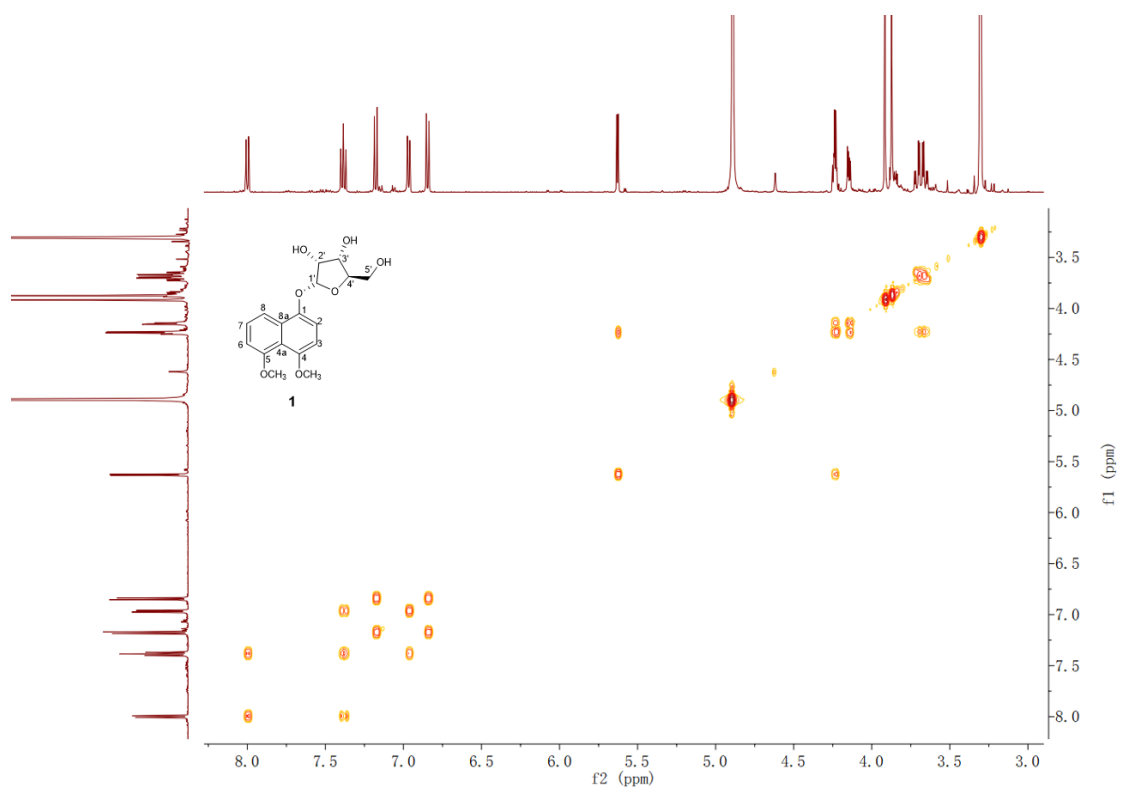


Figure S4. ^1H - ^1H COSY of compound **1**

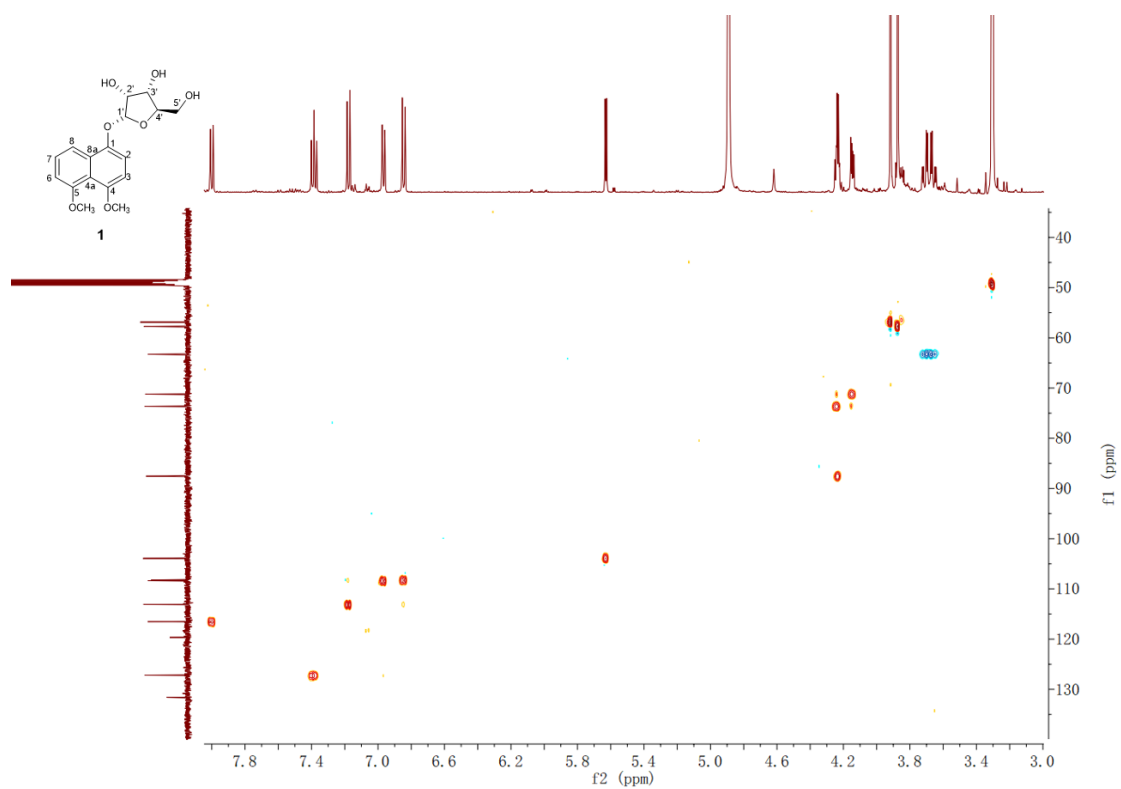


Figure S5. HSQC of compound **1**

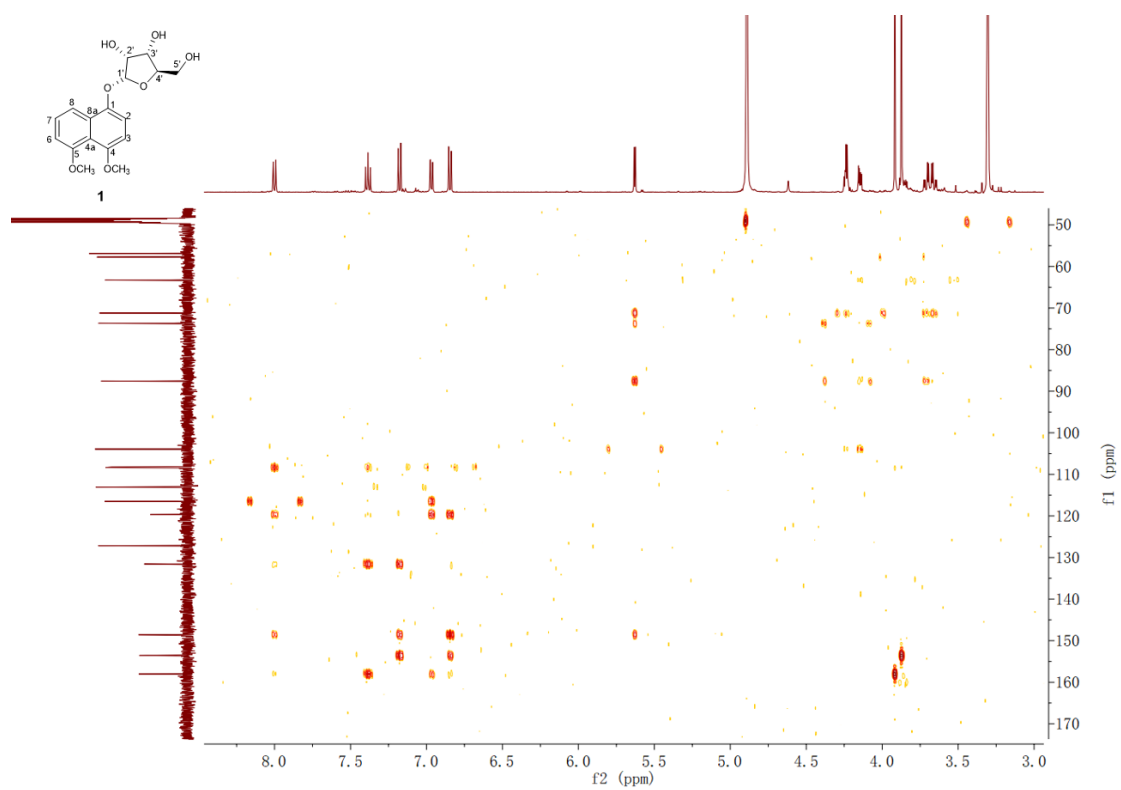


Figure S6. HMBC of compound **1**

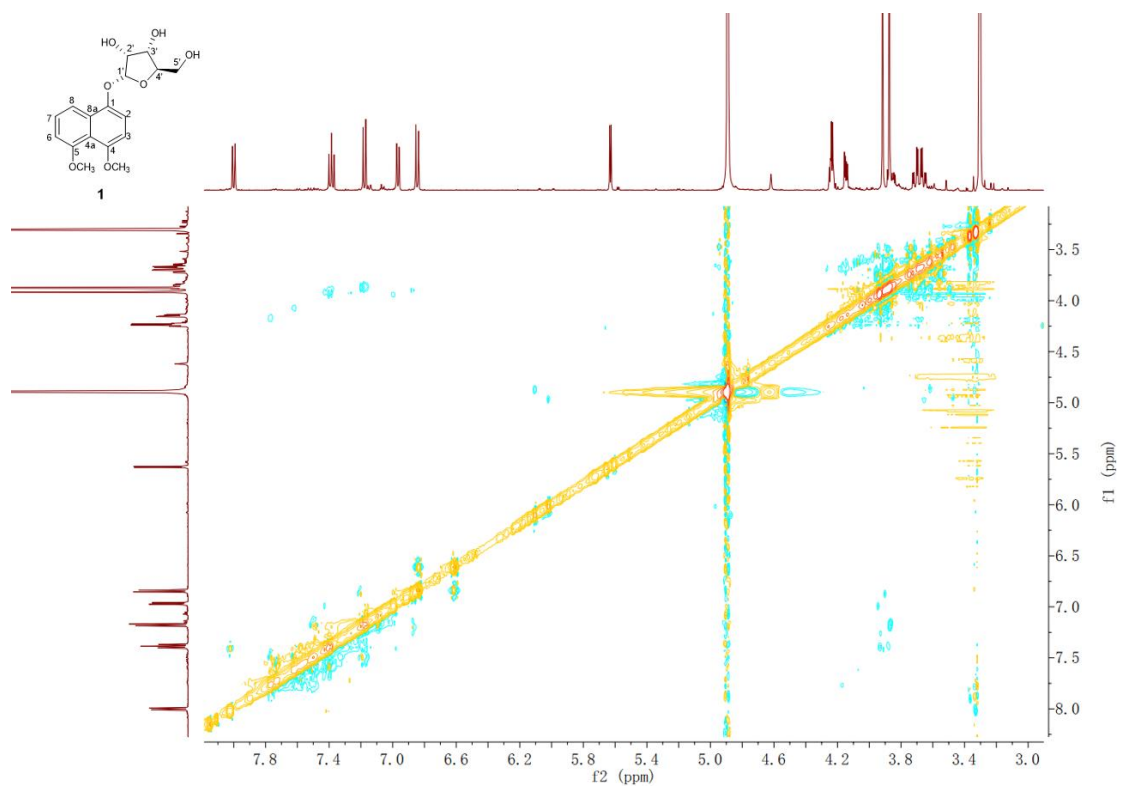


Figure S7. NOSEY of compound **1**

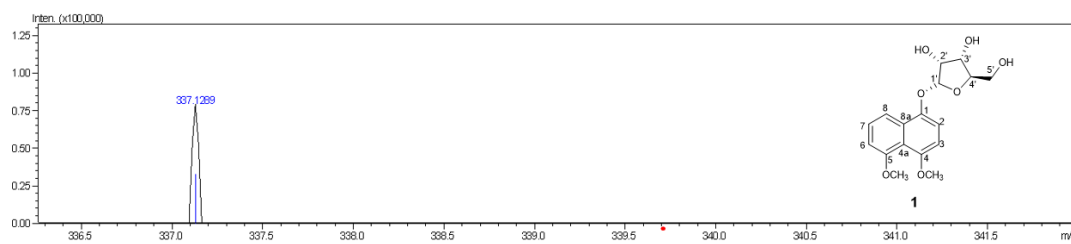


Figure S8. HR-ESI-MS of compound **1**

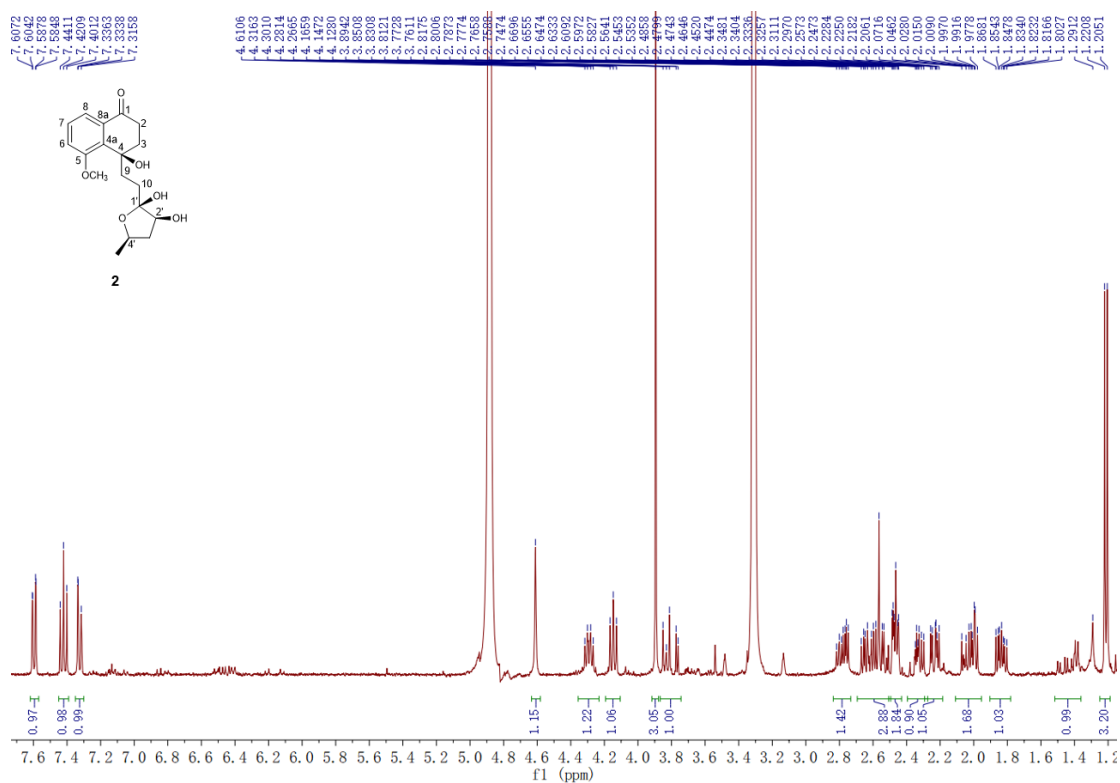


Figure S9. ^1H -NMR of compound **2**

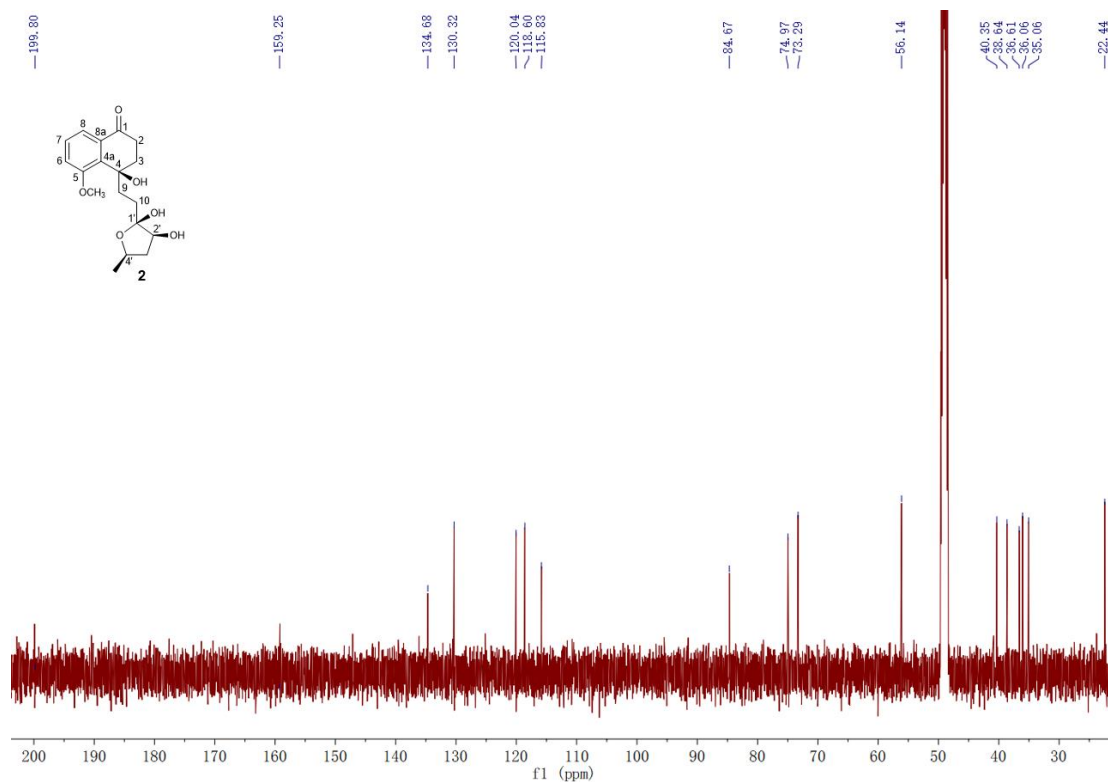


Figure S10. ¹³C-NMR of compound **2**

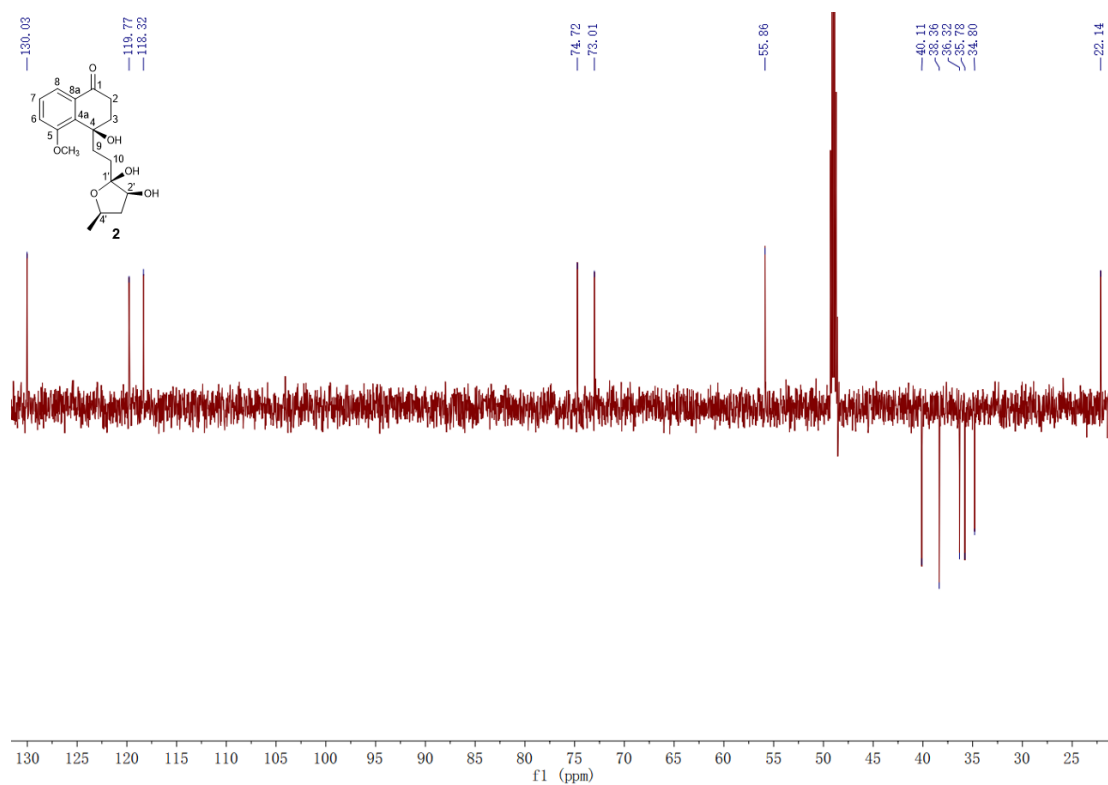


Figure S11. DEPT of compound **2**

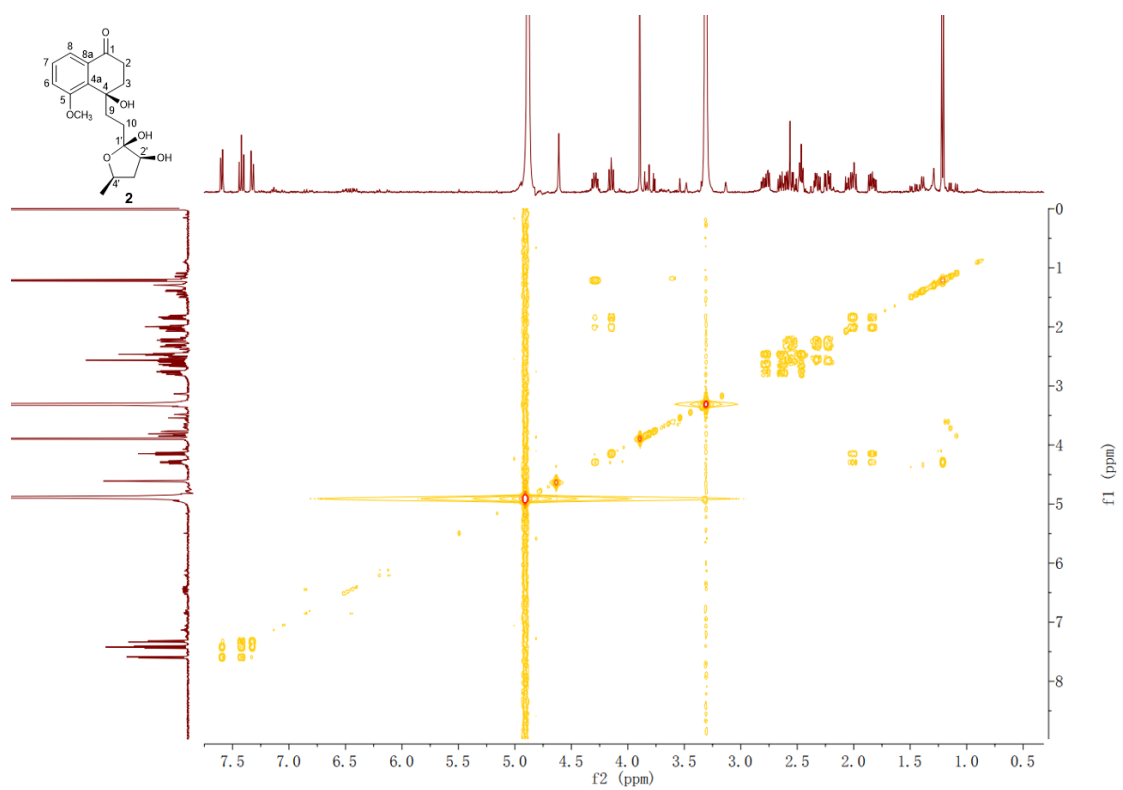


Figure S12. ¹H-¹H COSY of compound **2**

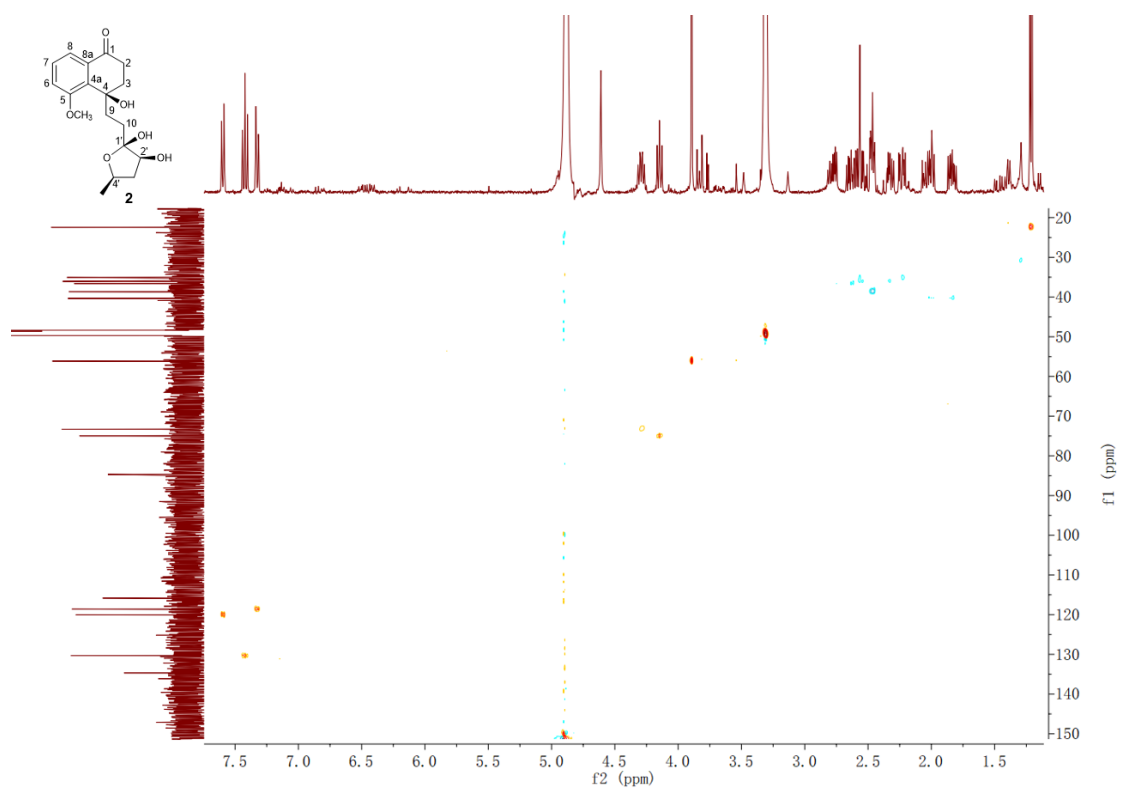


Figure S13. HSQC of compound 2

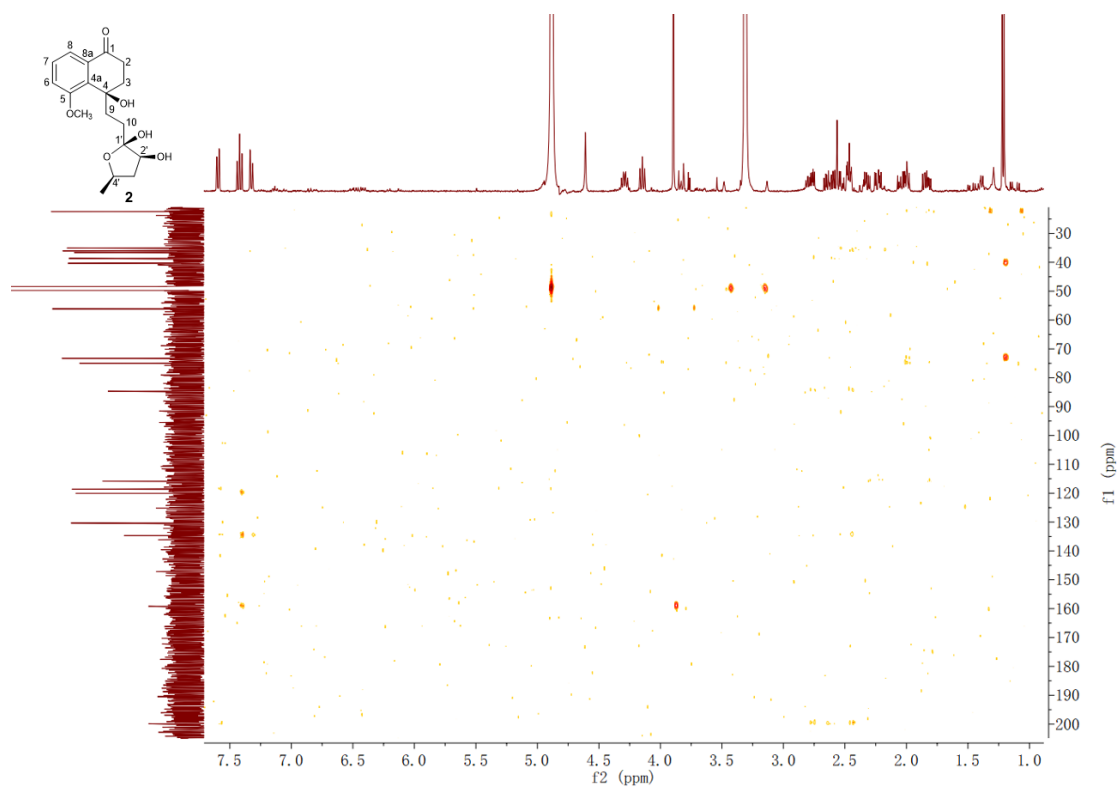


Figure S14. HMBC of compound 2

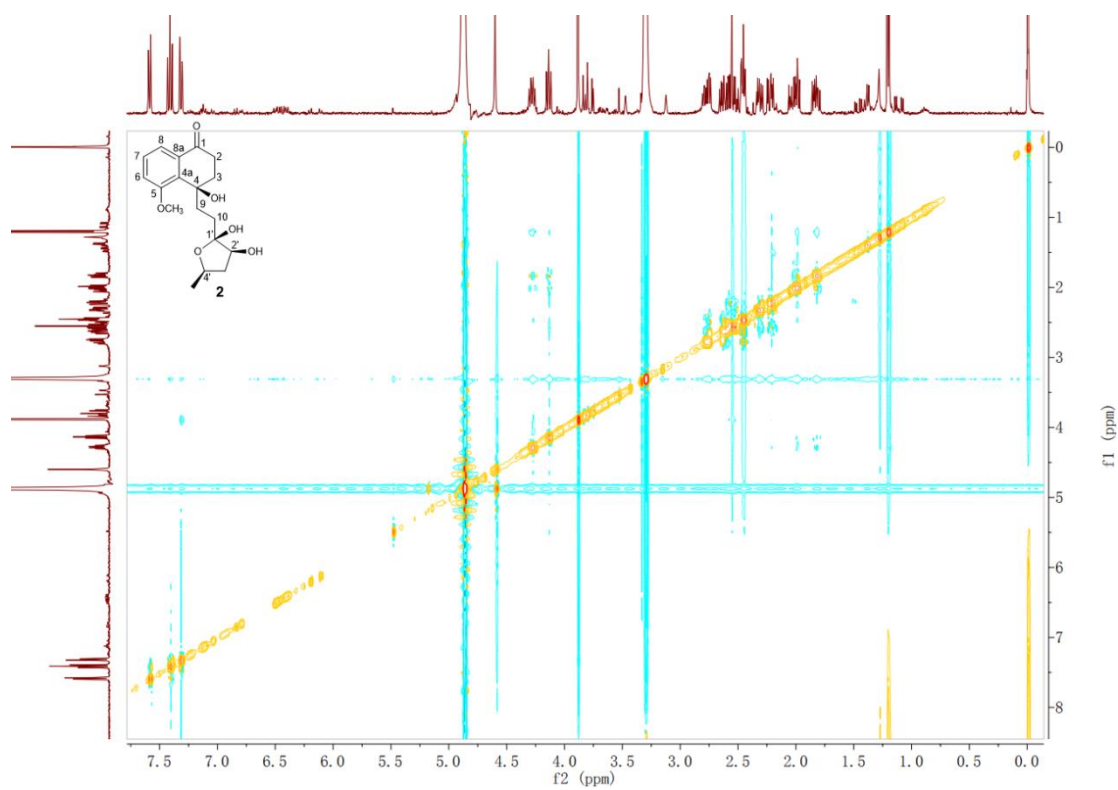


Figure S15. NOSEY of compound **2**

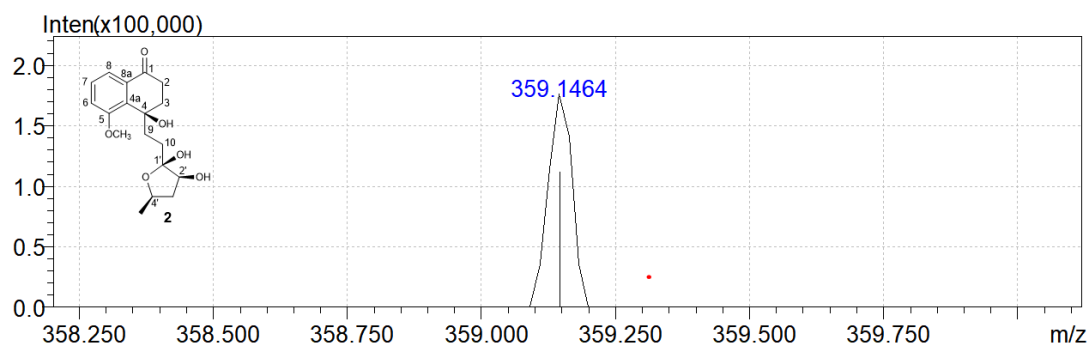


Figure S16. HR-ESI-MS of compound **2**

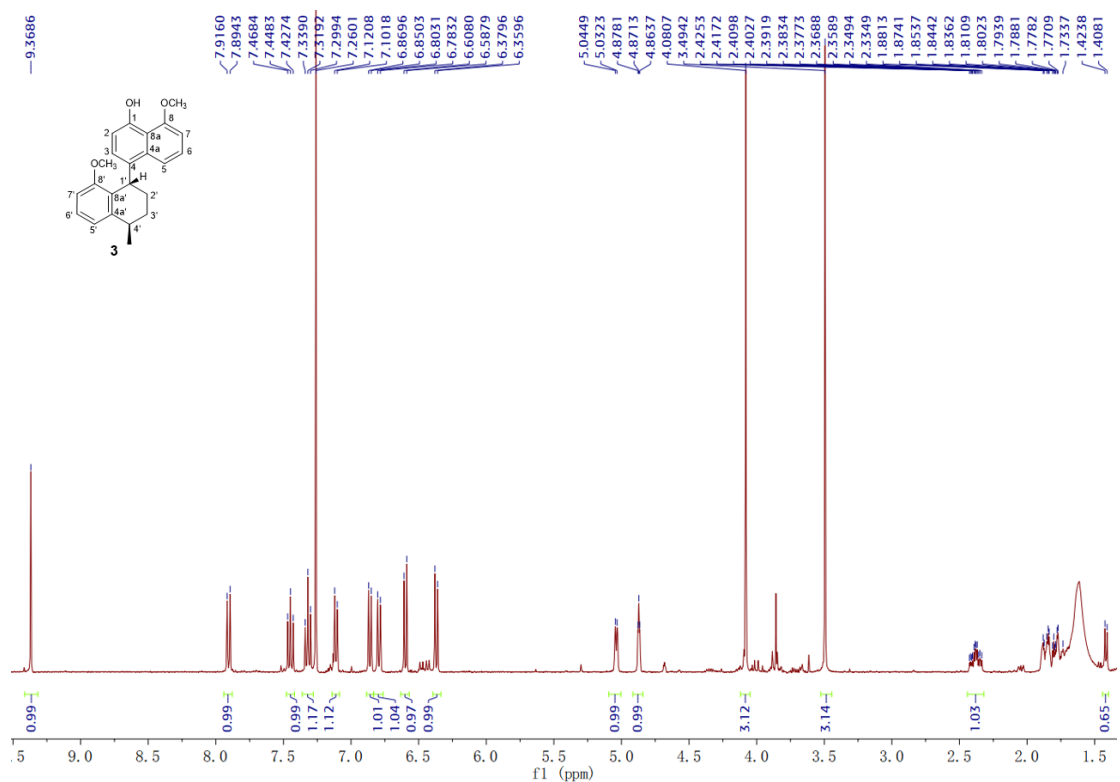


Figure S17. ¹H-NMR of compound **3**

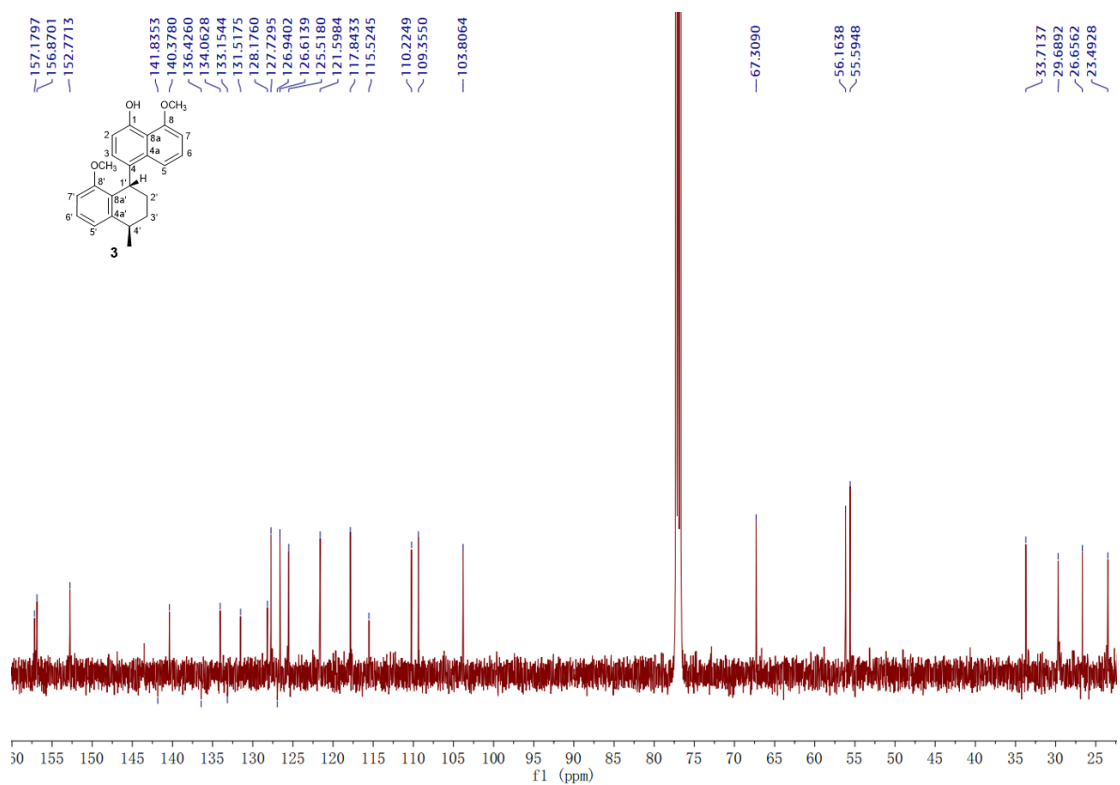


Figure S18. ^{13}C -NMR of compound **3**

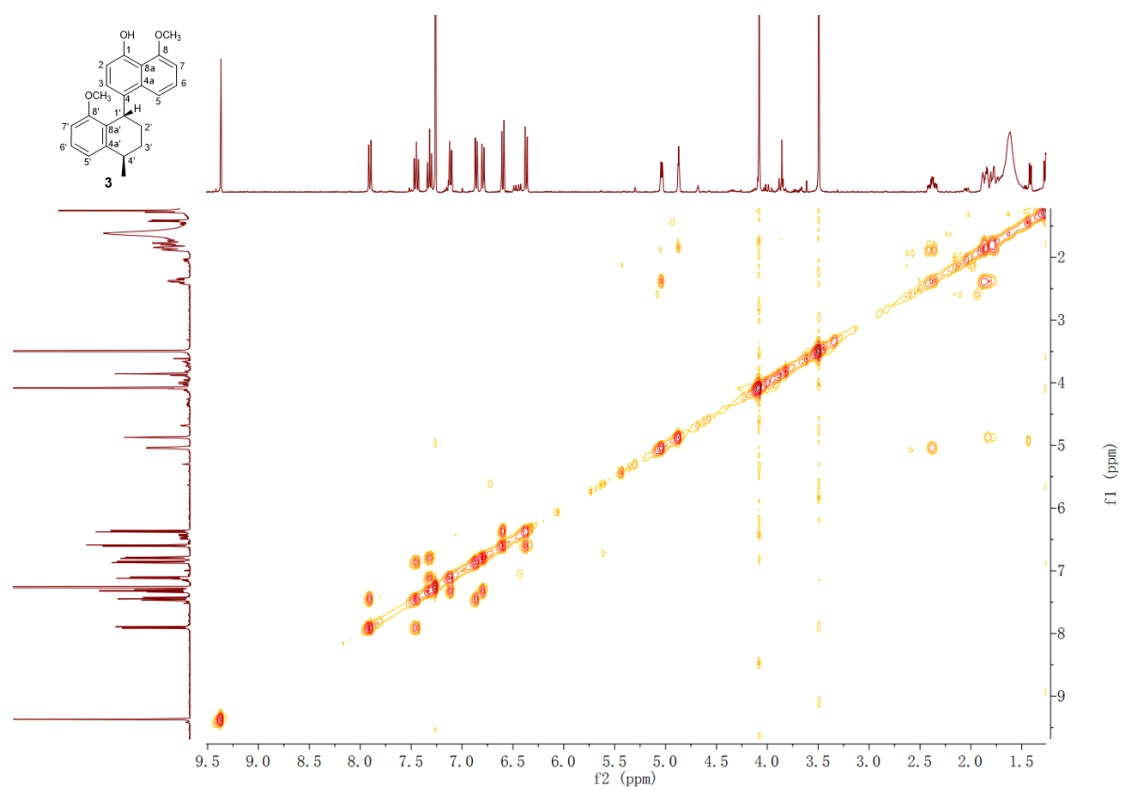


Figure S19. DEPT of compound **3**

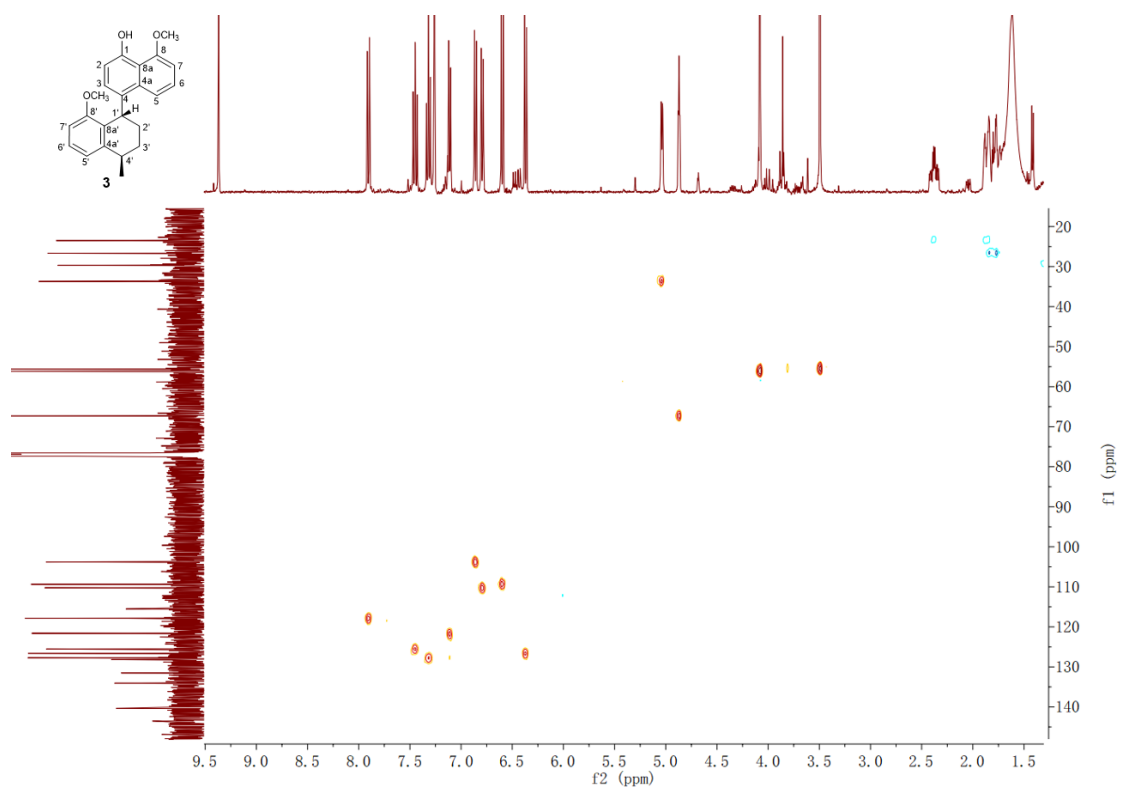


Figure S20. ¹H-¹H COSY of compound **3**

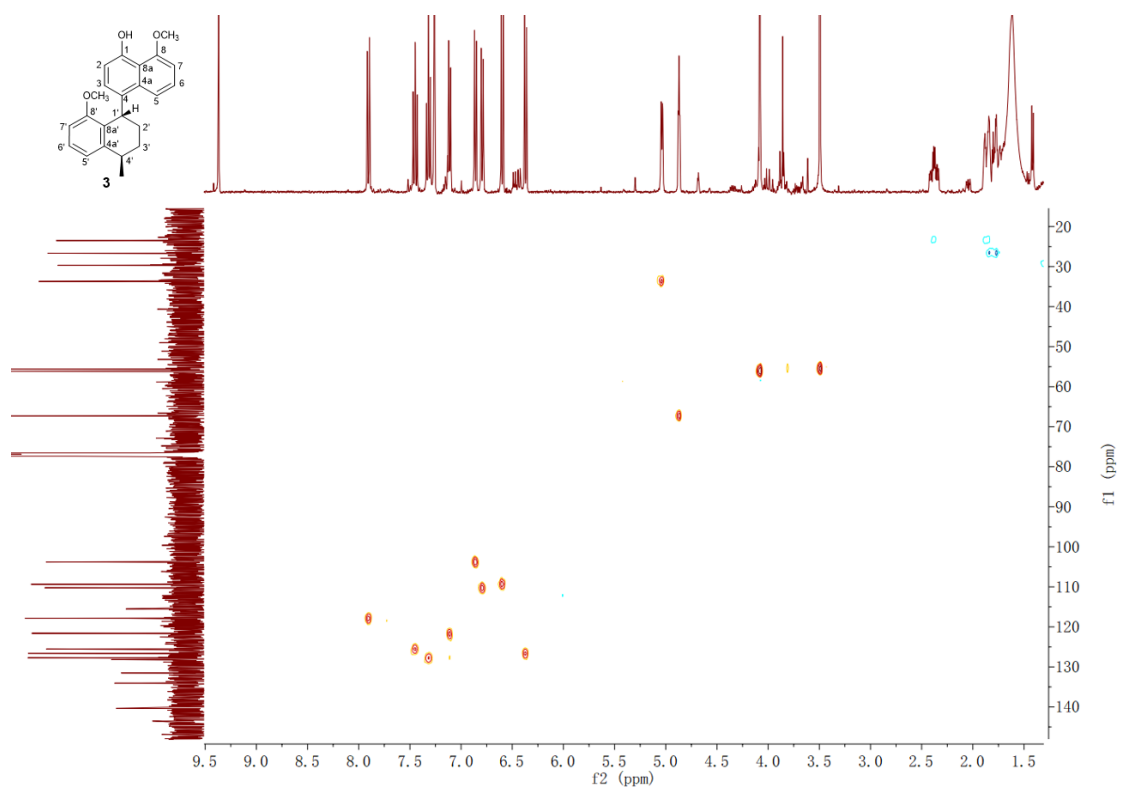


Figure S21. HSQC of compound **3**

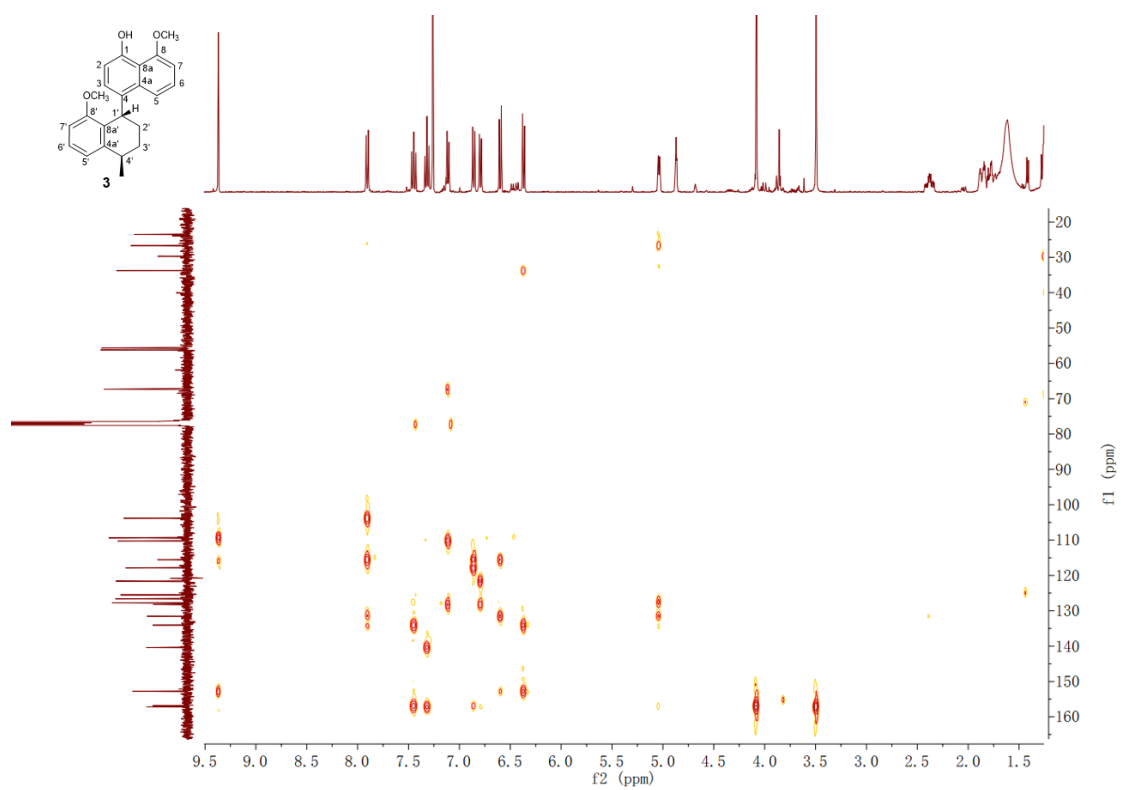


Figure S22. HMBC of compound **3**

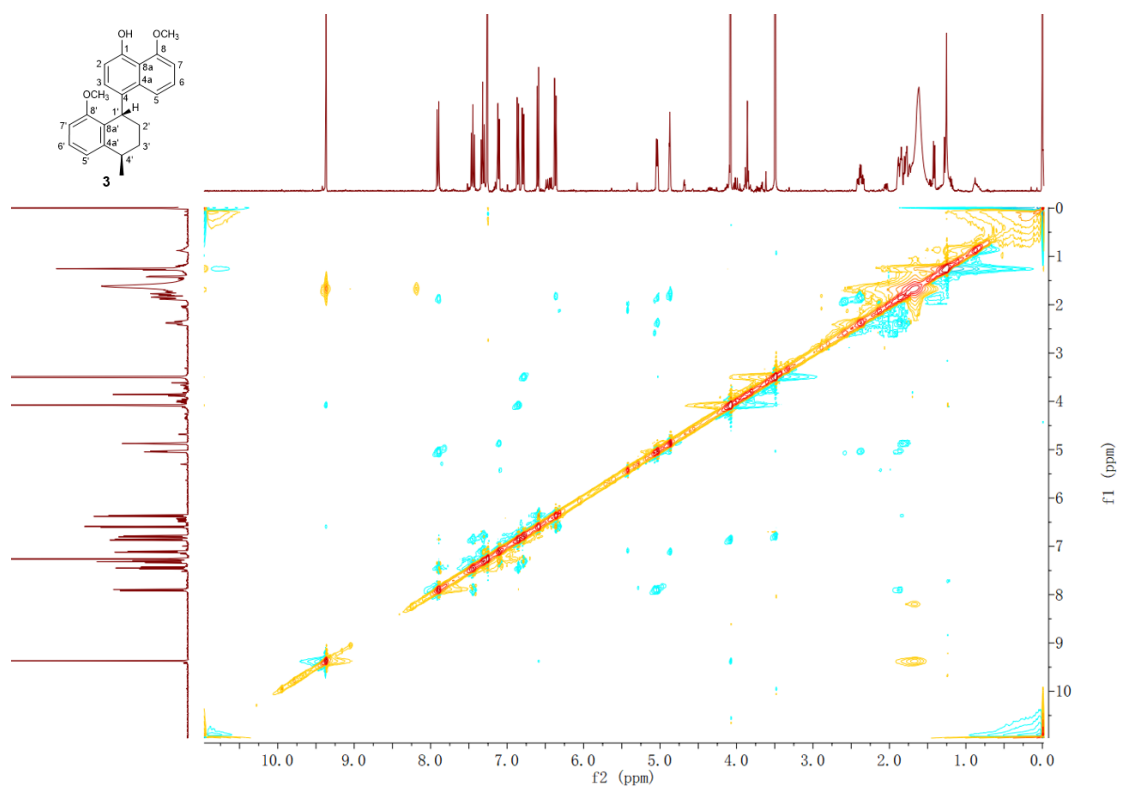


Figure S23. NOSEY of compound **3**

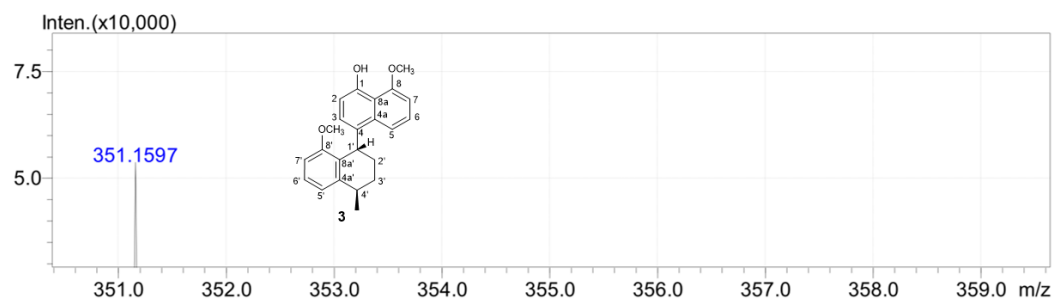


Figure S24. HR-ESI-MS of compound **3**

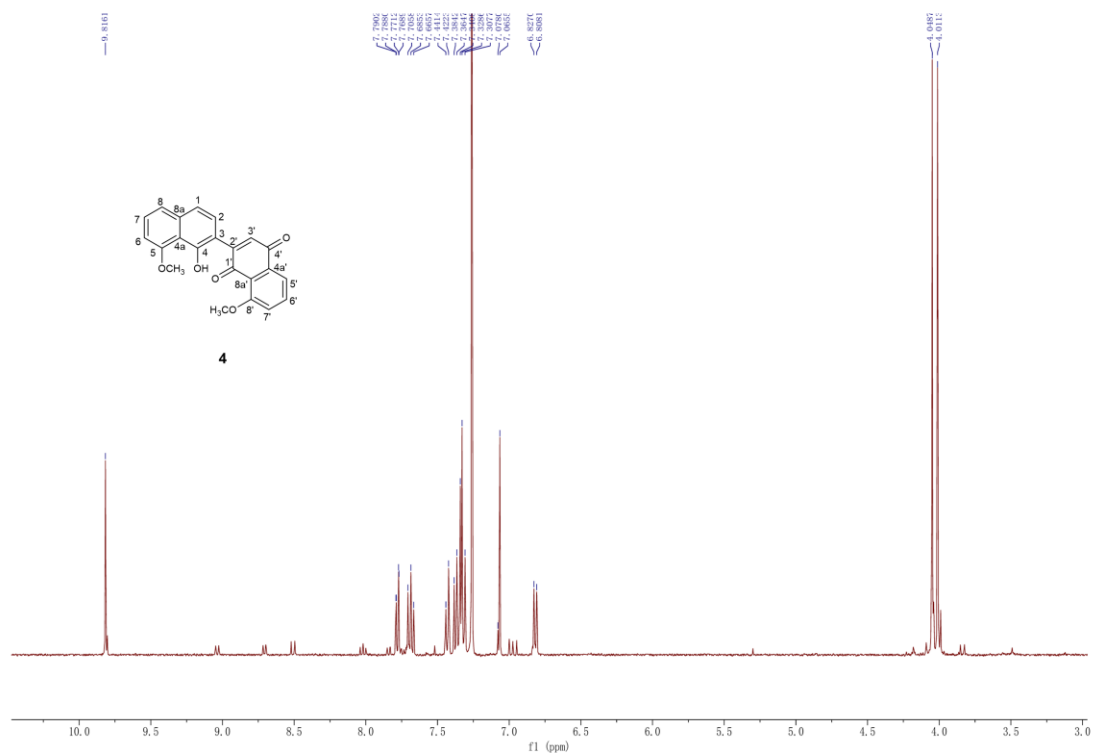


Figure S25. ^1H -NMR of compound **4**

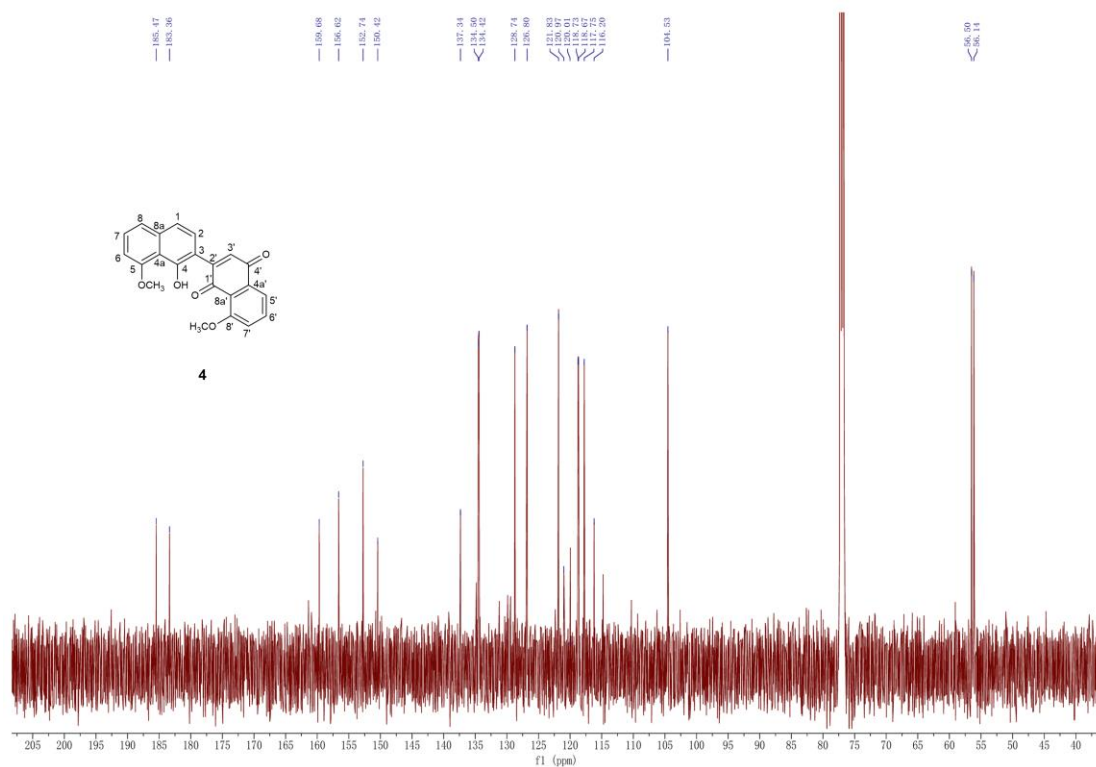


Figure S26. ^{13}C -NMR of compound 4

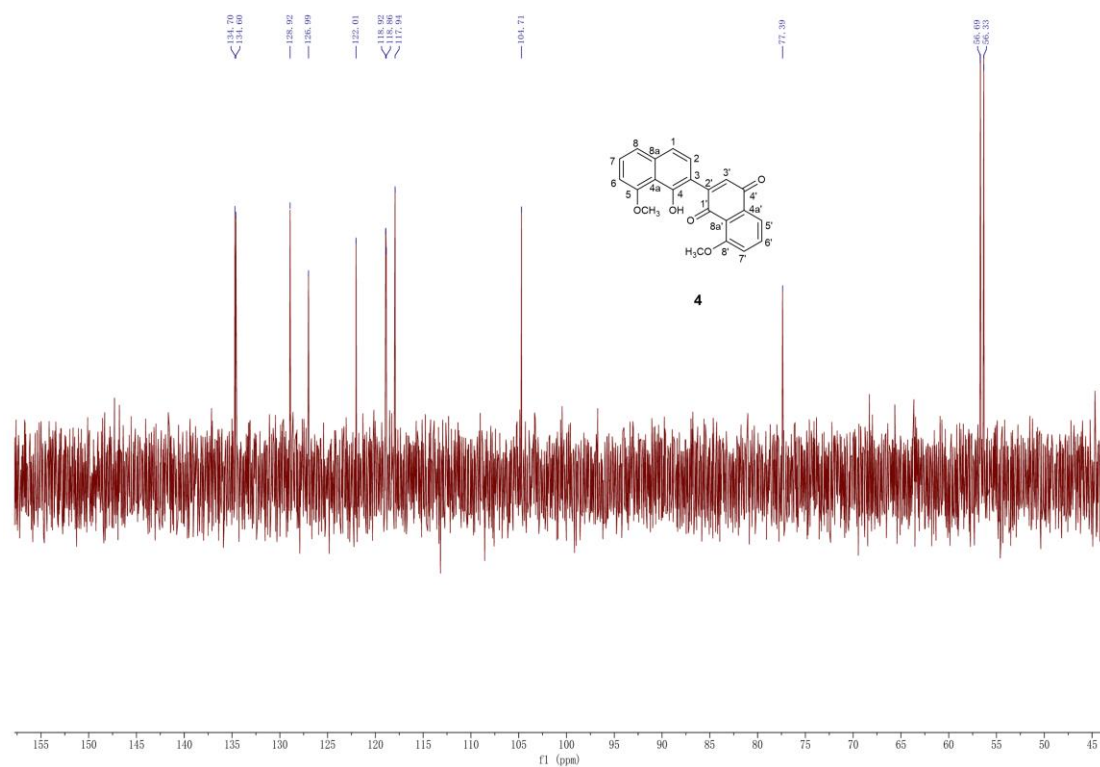


Figure S27. DEPT of compound 4

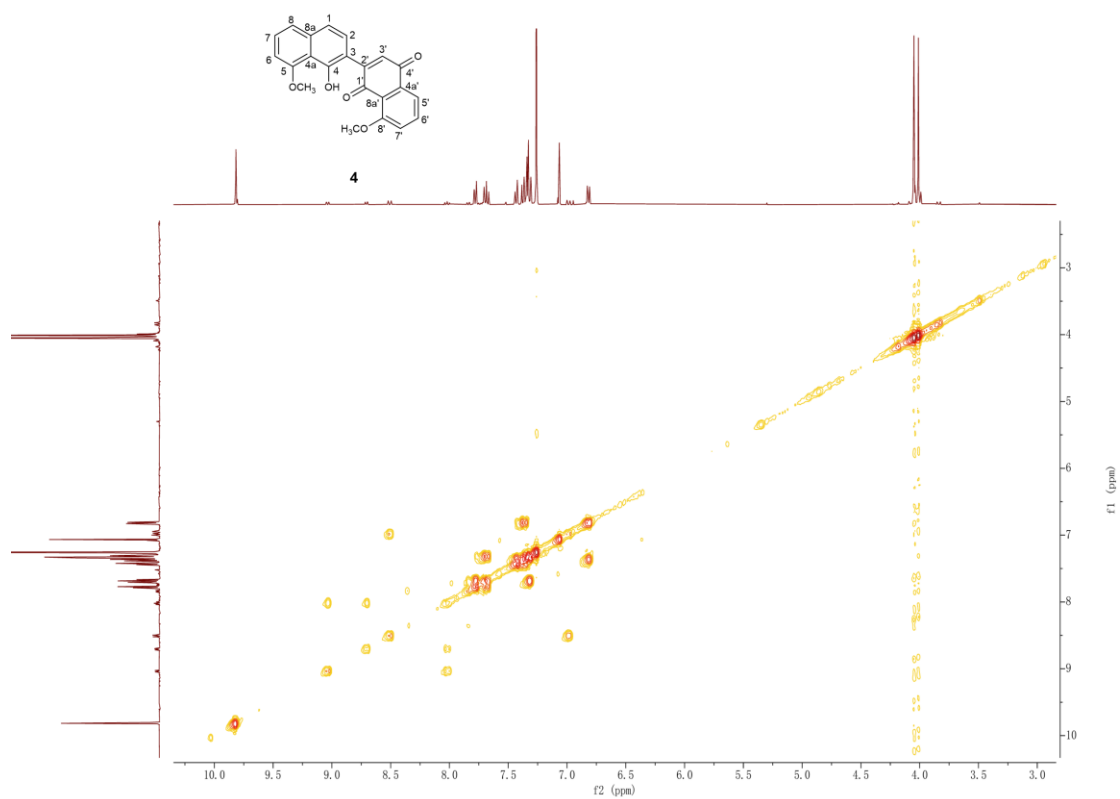


Figure S28. ^1H - ^1H COSY of compound **4**

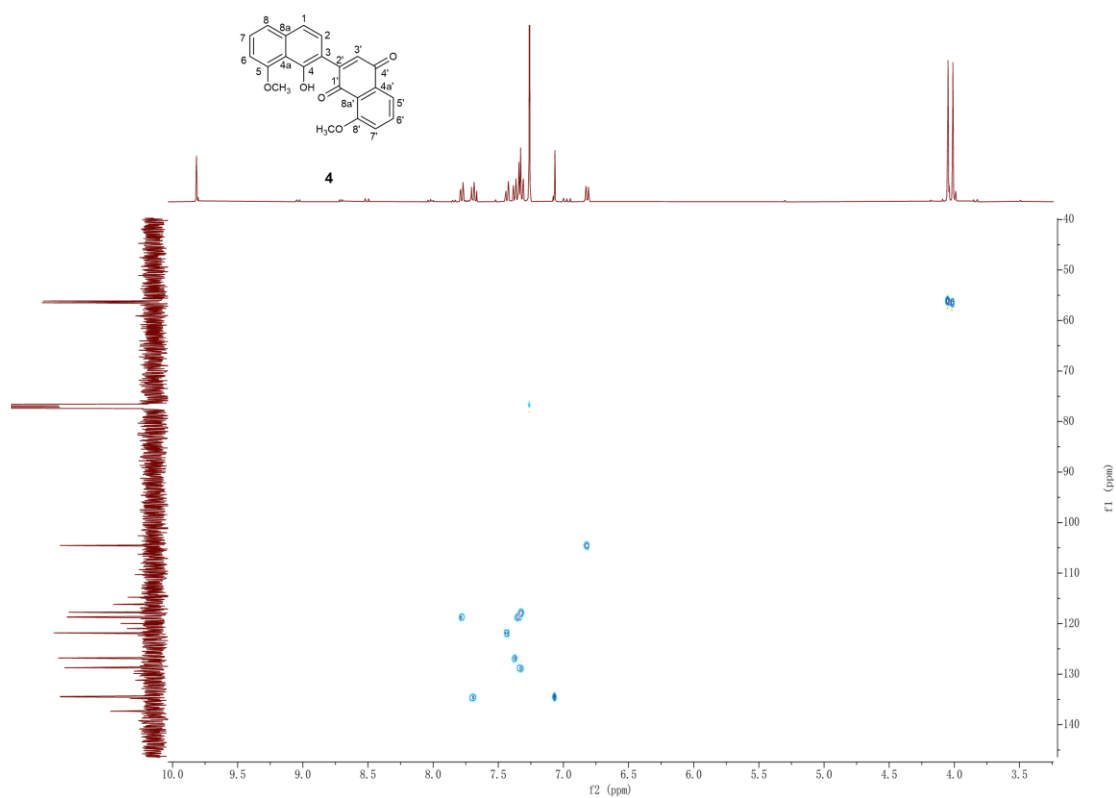


Figure S29. HSQC of compound **4**

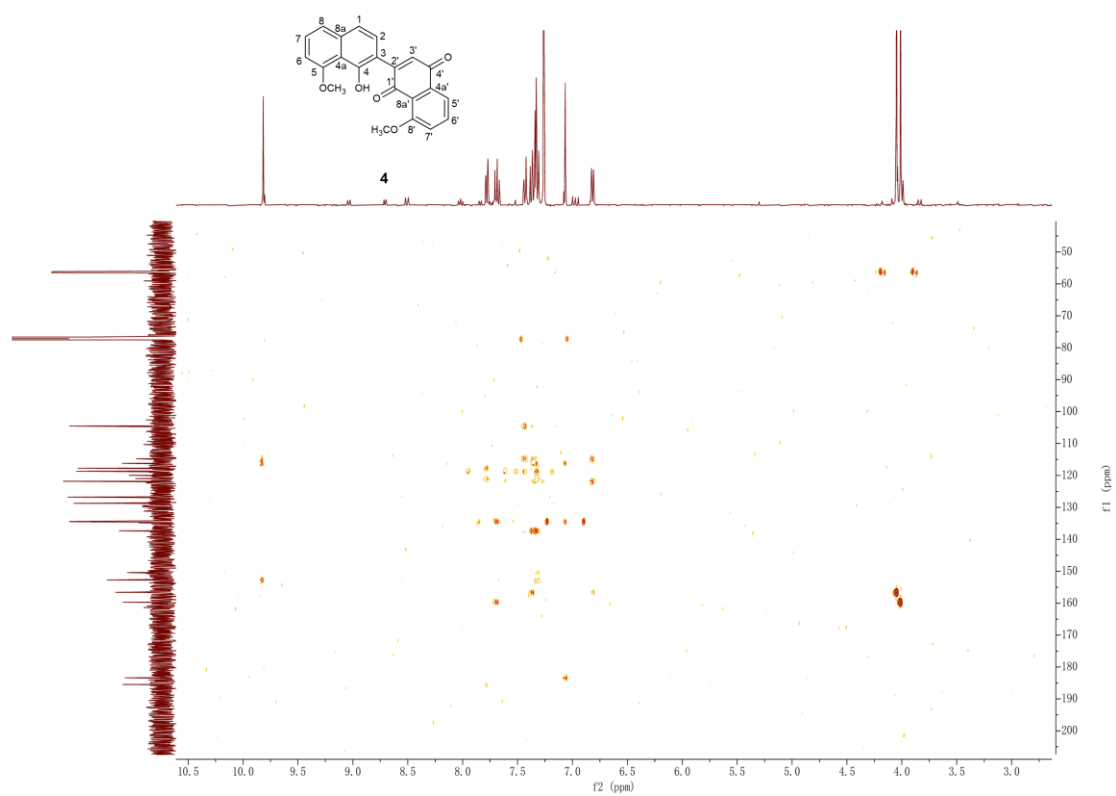


Figure S30. HMBC of compound **4**

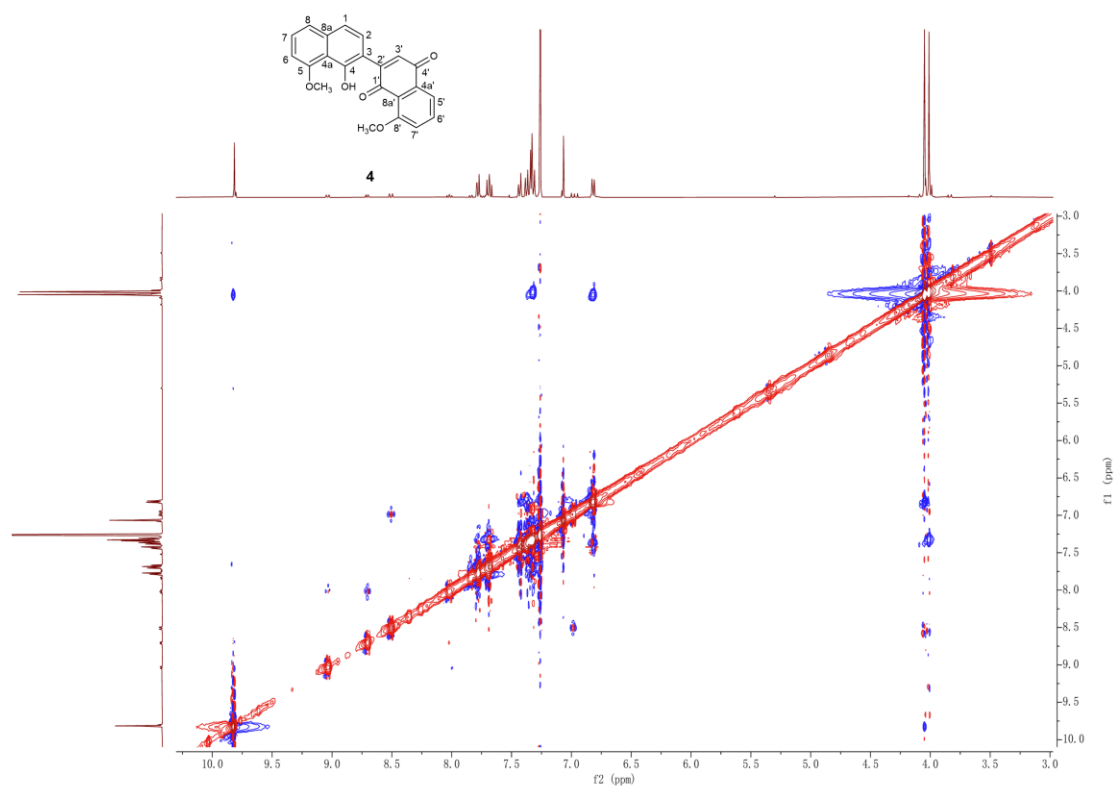


Figure S31. NOSEY of compound 4

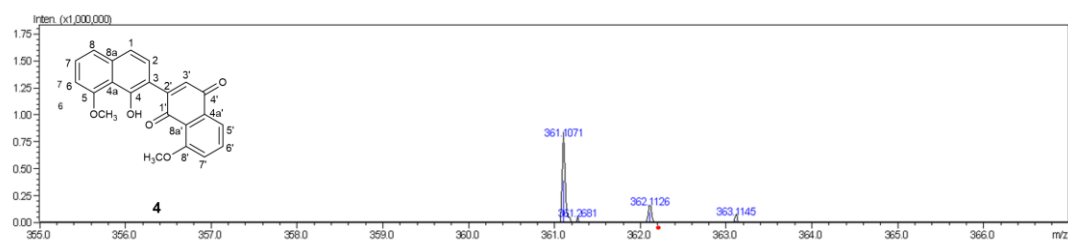


Figure S32. HR-ESI-MS of compound 4

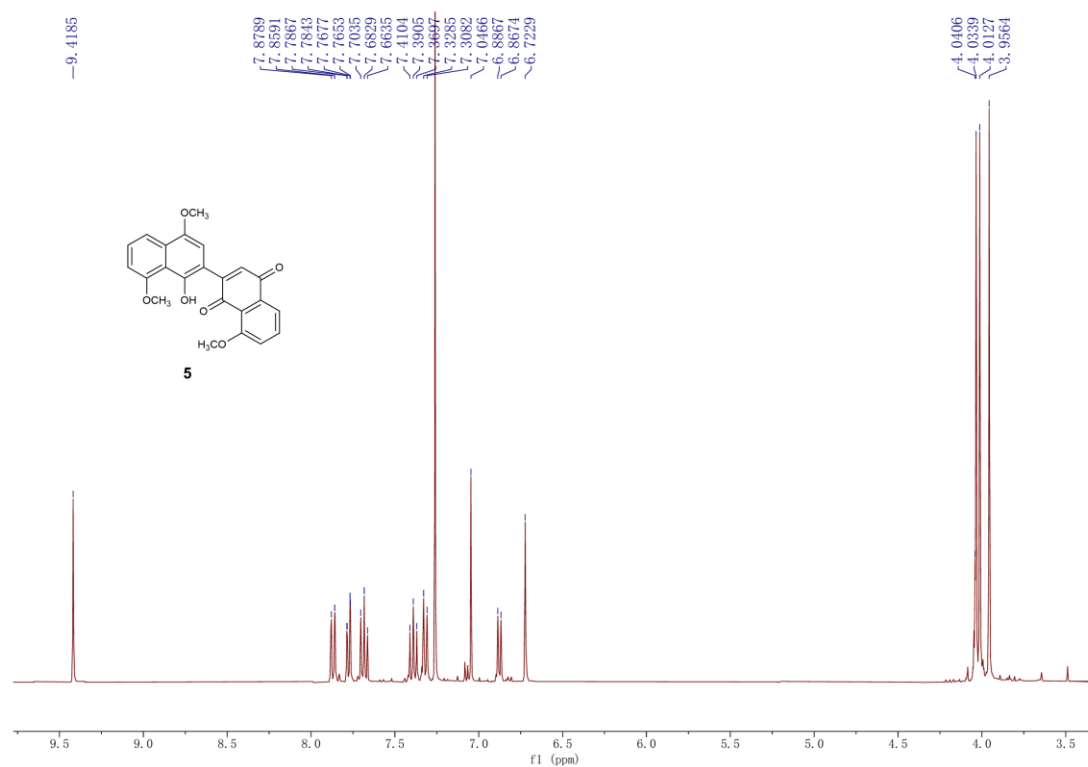


Figure S33. ¹H-NMR of compound **5**

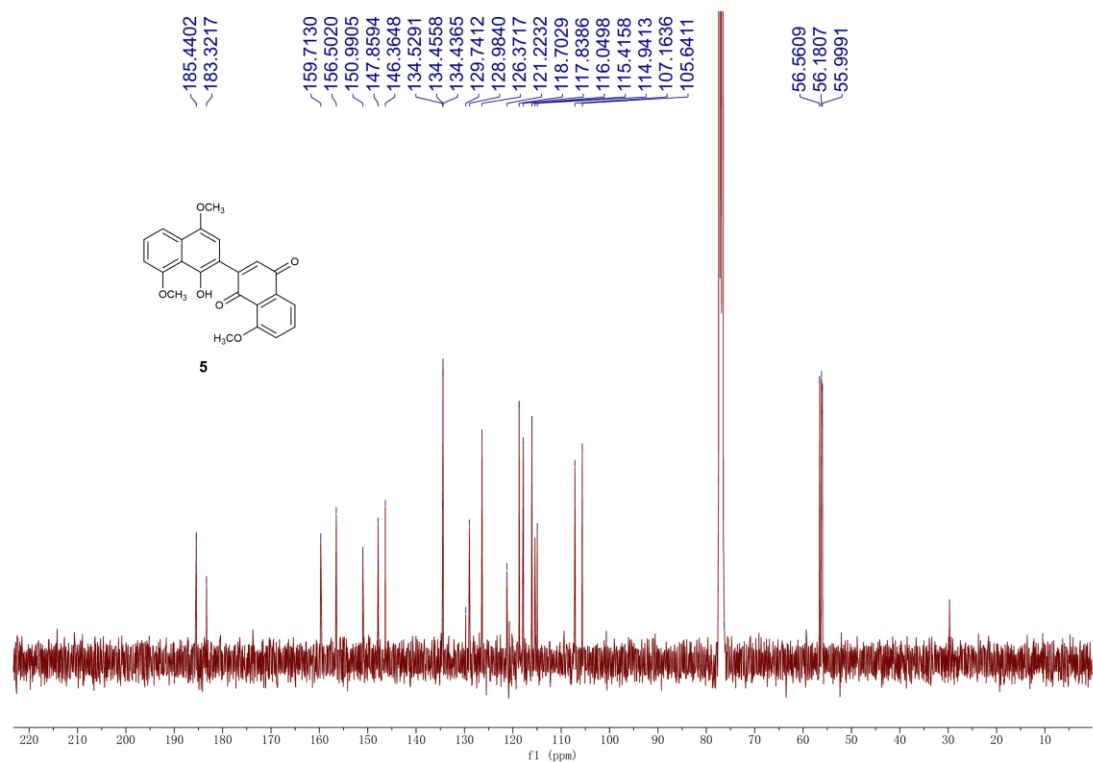


Figure S34. ¹³C-NMR of compound 5

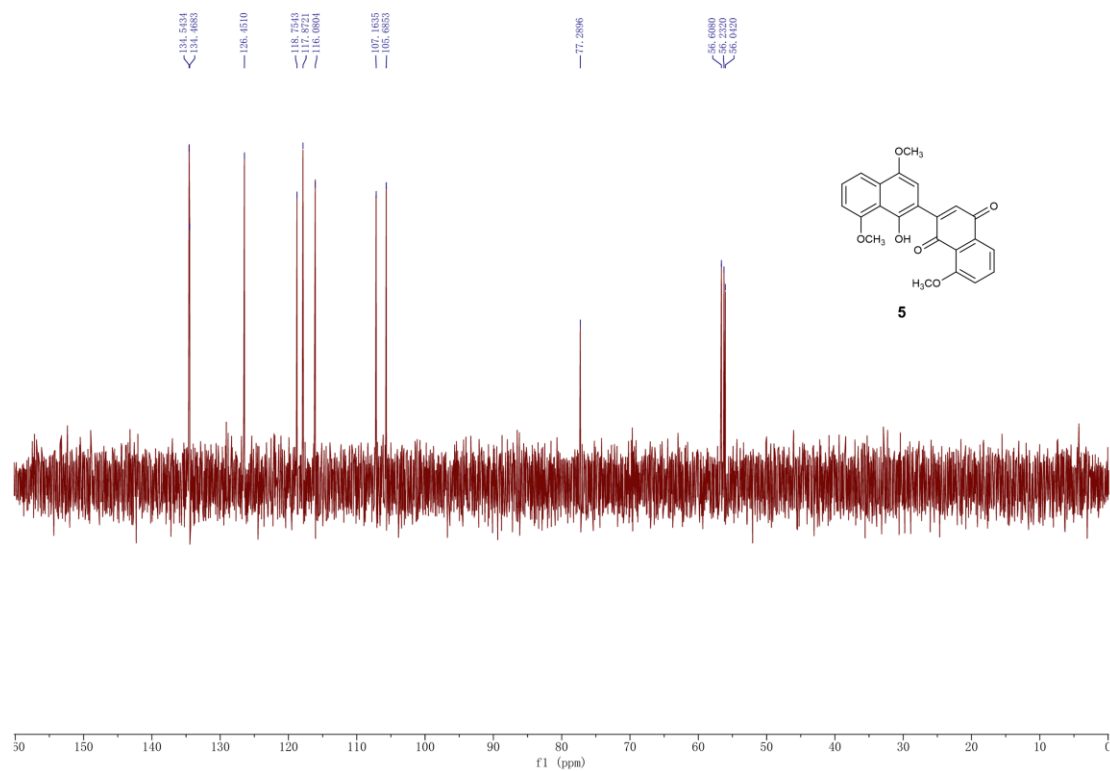


Figure S35. DEPT of compound 5

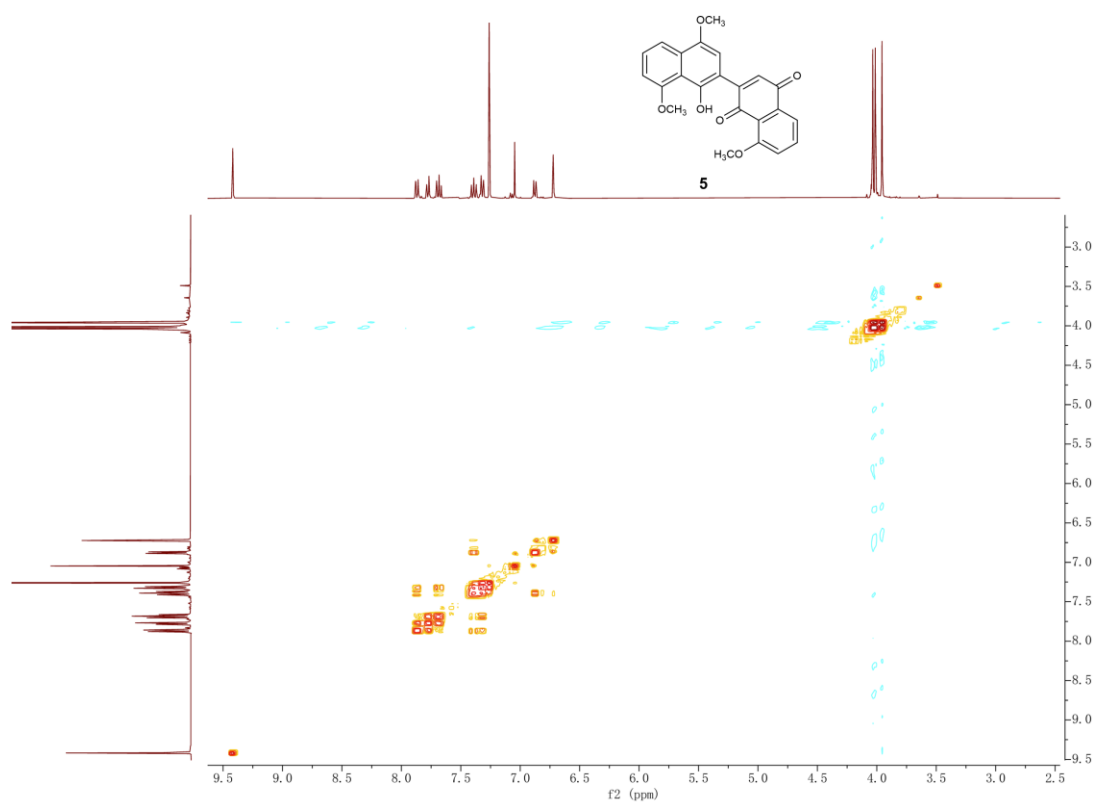


Figure S36. ^1H - ^1H COSY of compound **5**

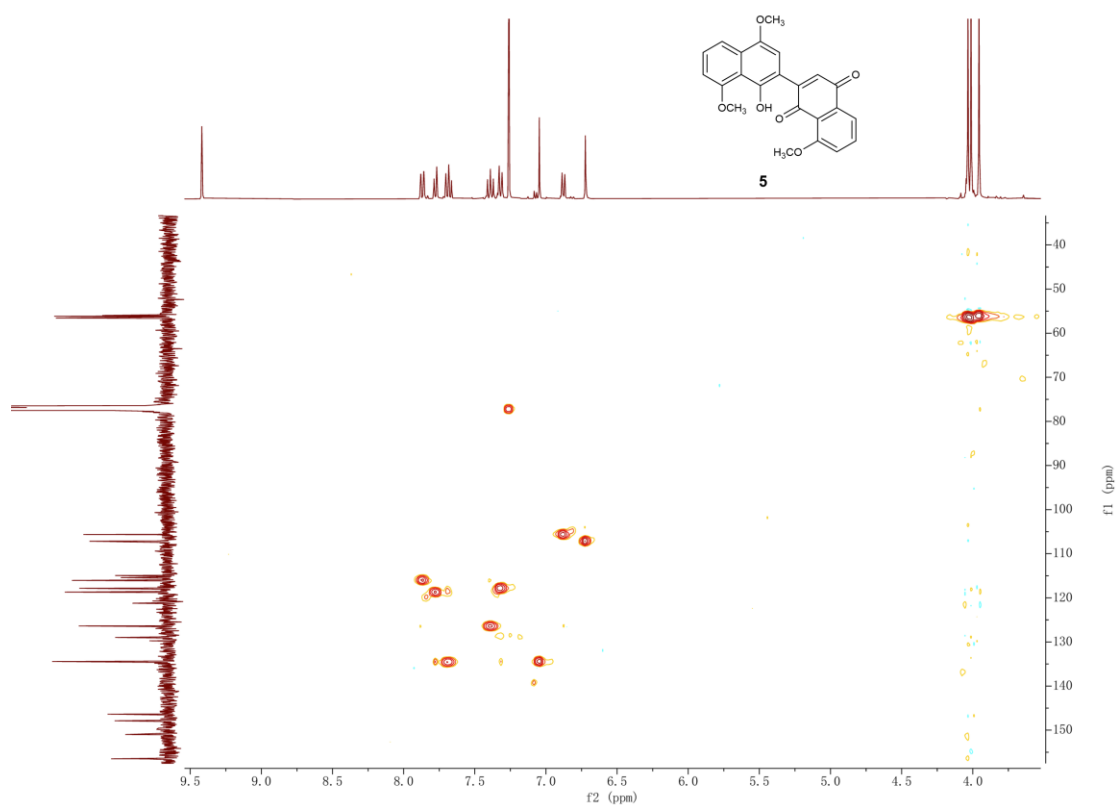


Figure S37. HSQC of compound 5

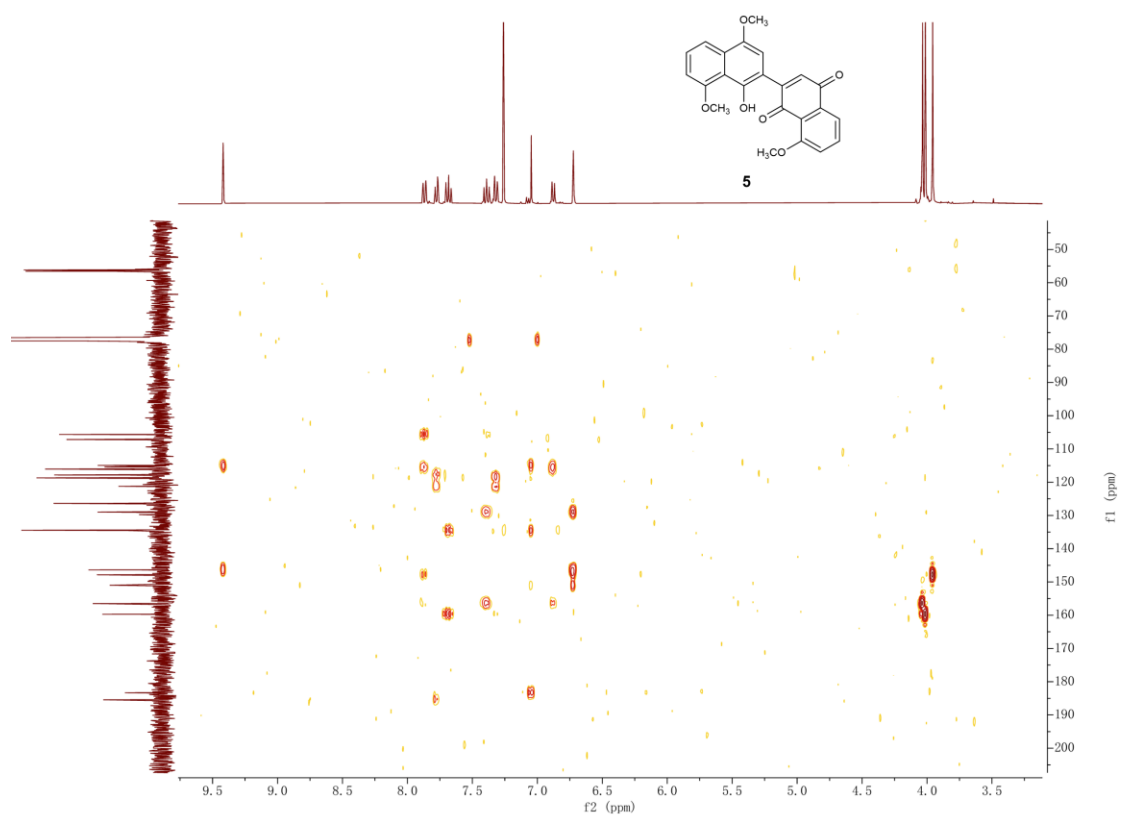


Figure S38. HMBC of compound **5**

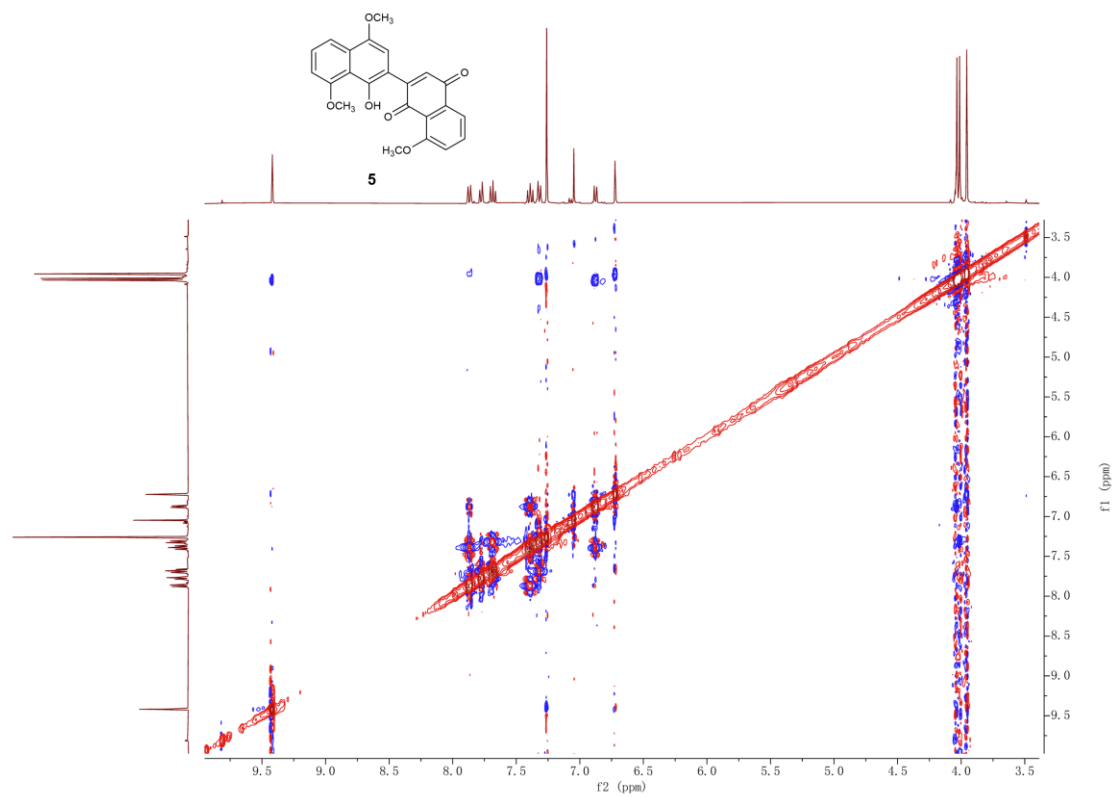


Figure S39. NOSEY of compound **5**

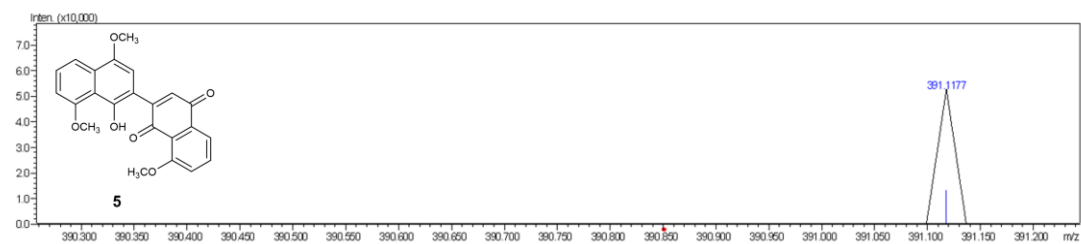


Figure S40. HR-ESI-MS of compound **5**

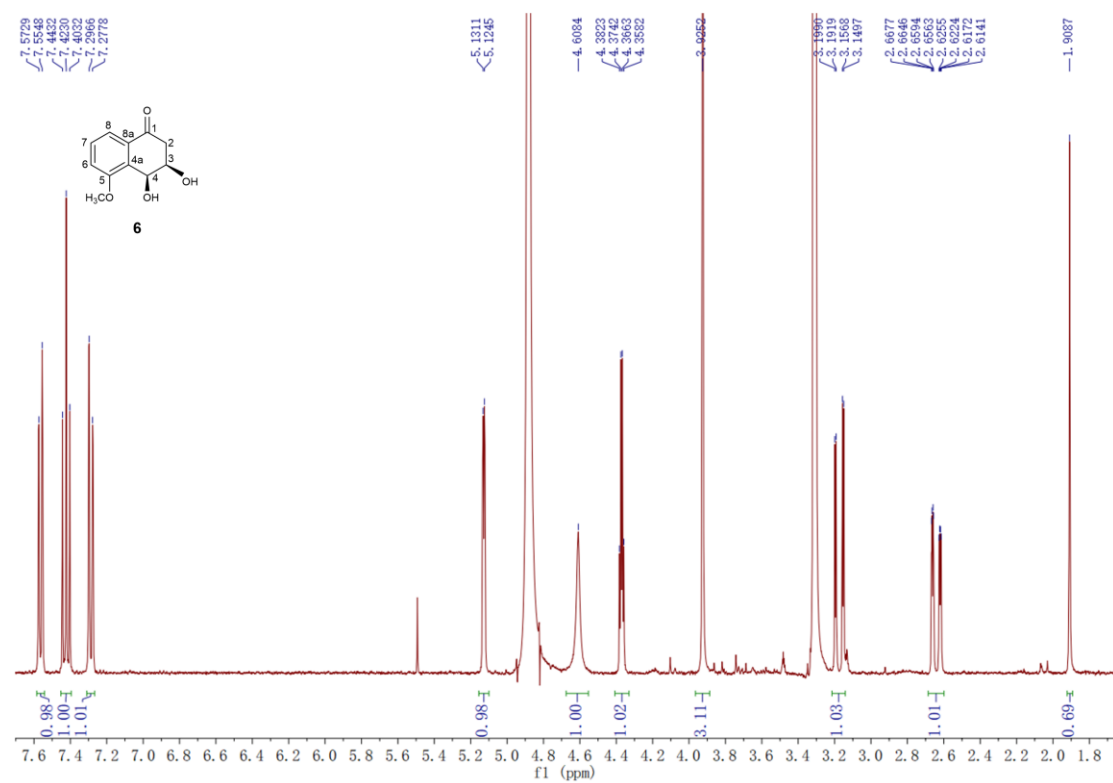


Figure S41. ¹H-NMR of compound **6**

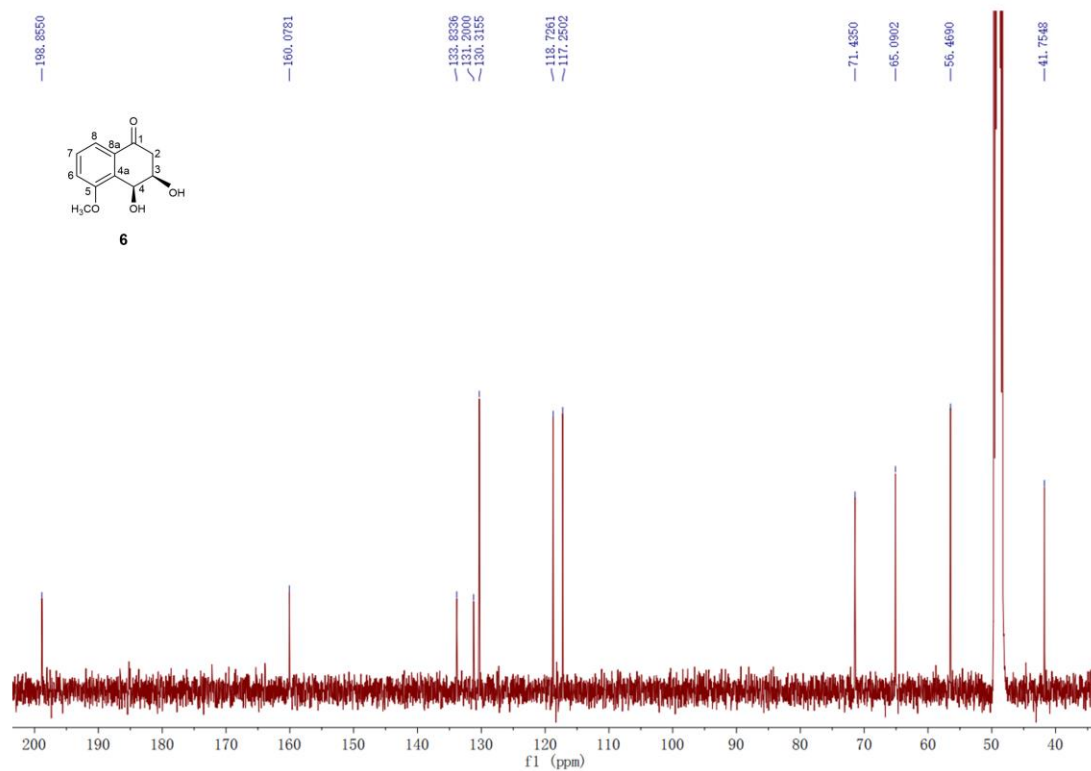


Figure S42. ^{13}C -NMR of compound 6

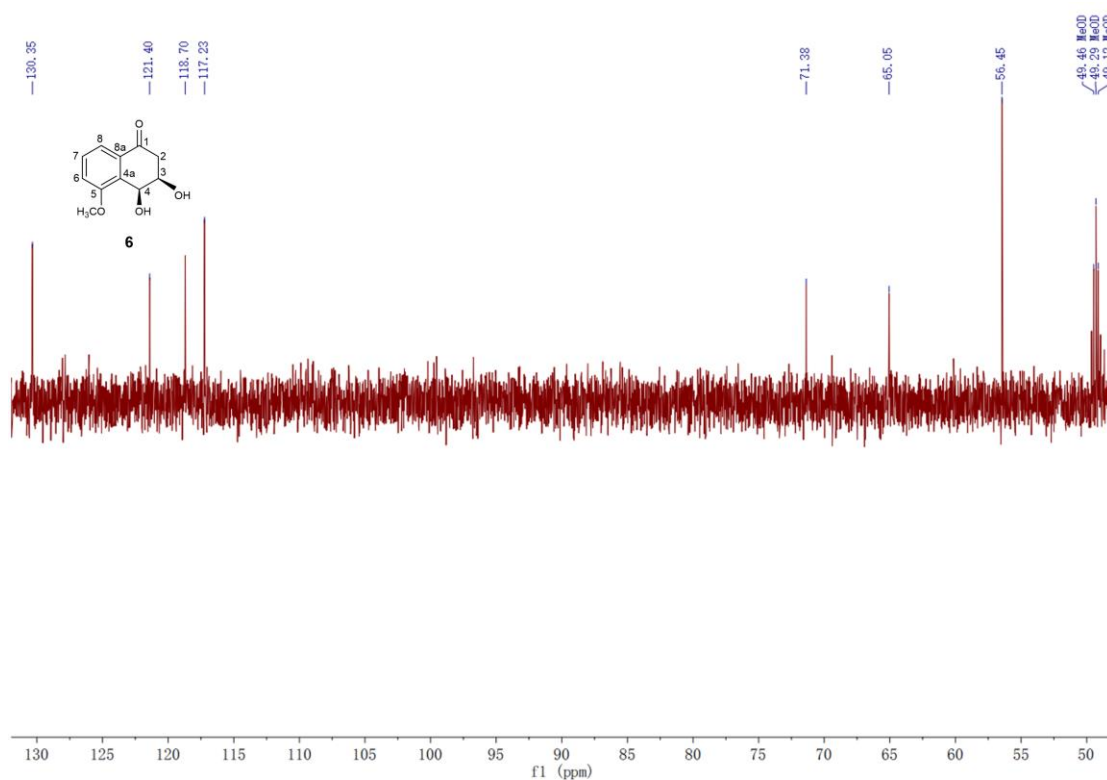


Figure S43. DEPT of compound 6

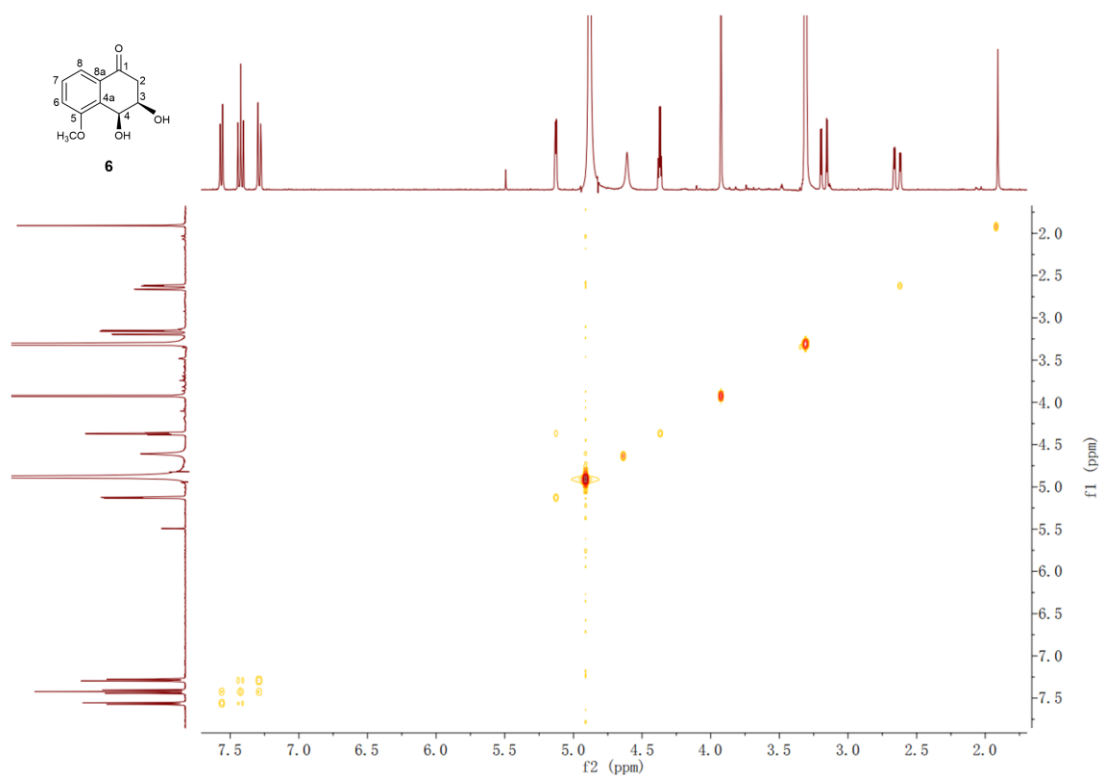


Figure S44. ¹H-¹H COSY of compound **6**

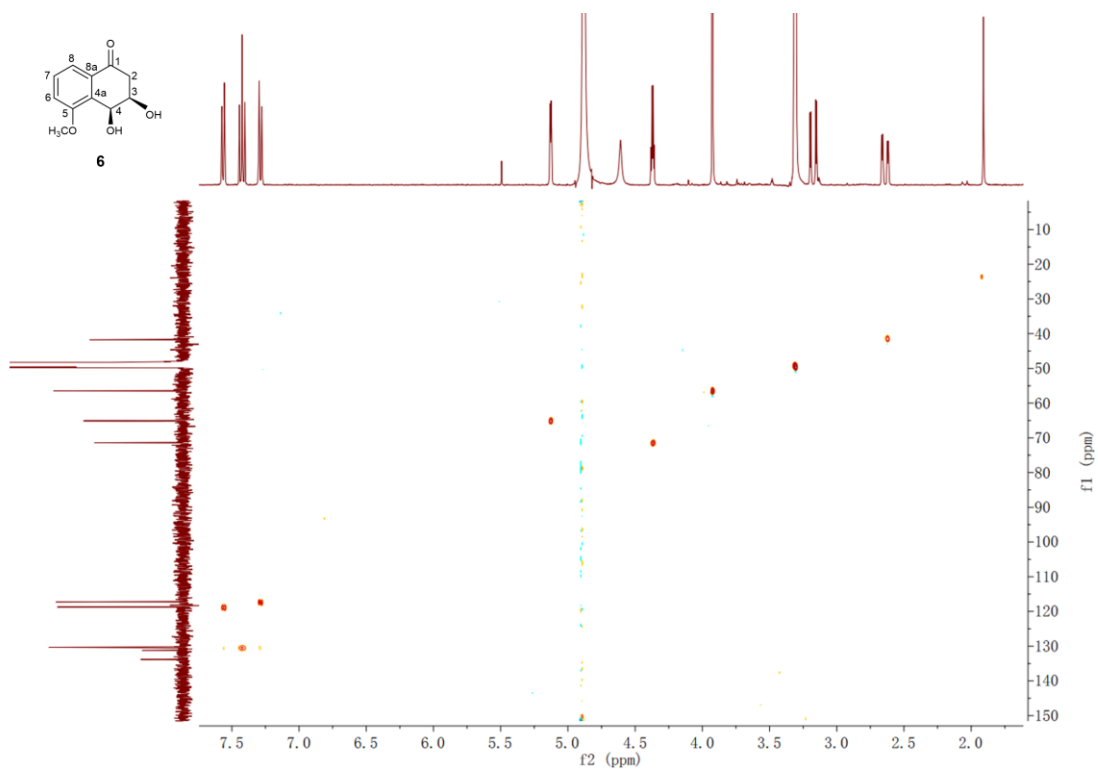


Figure S45. HSQC of compound **6**

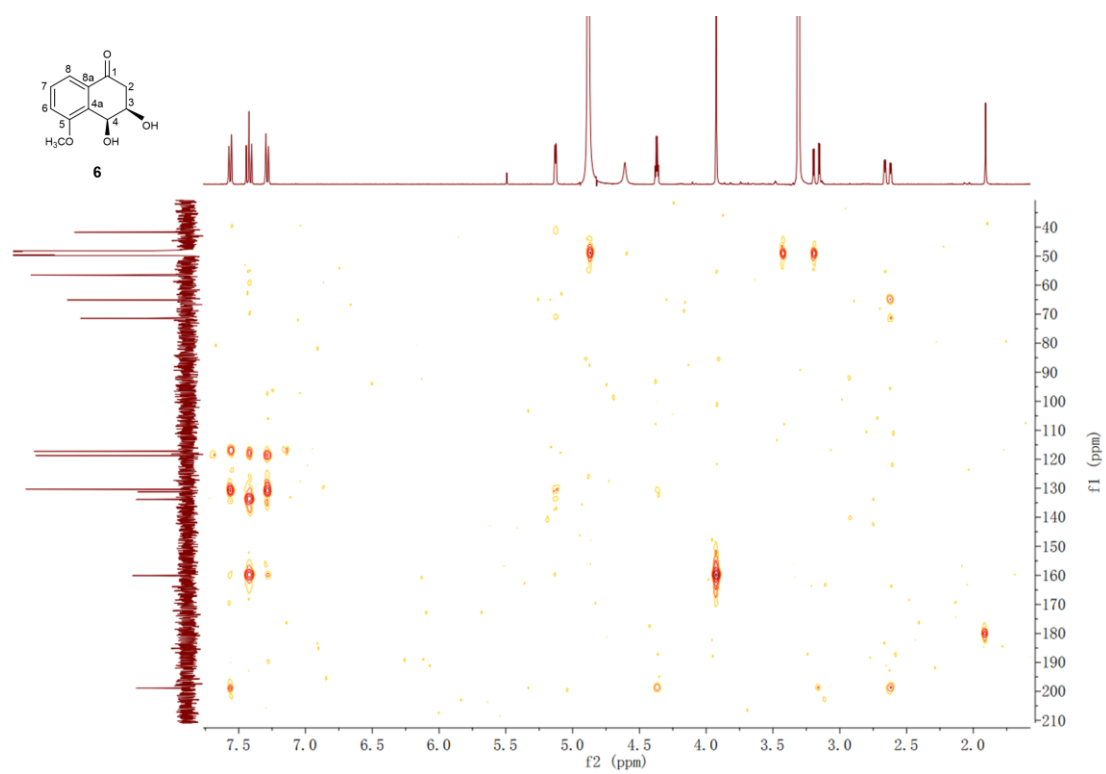


Figure S46. HMBC of compound **6**

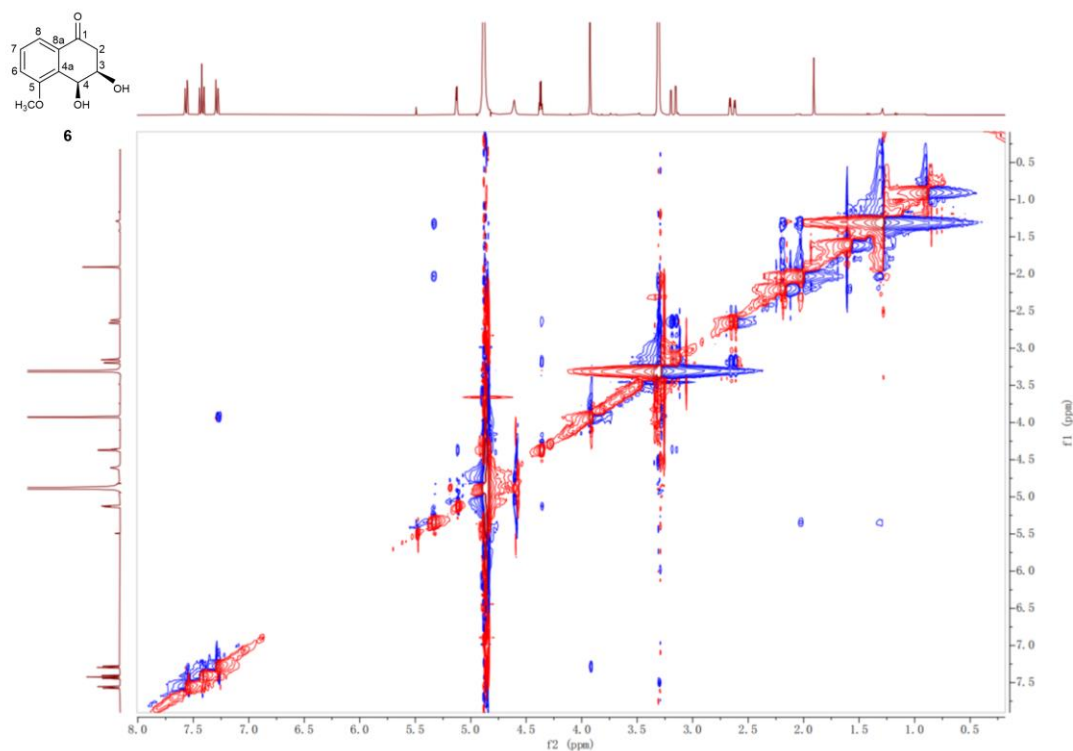


Figure S47. NOESY of compound **6**

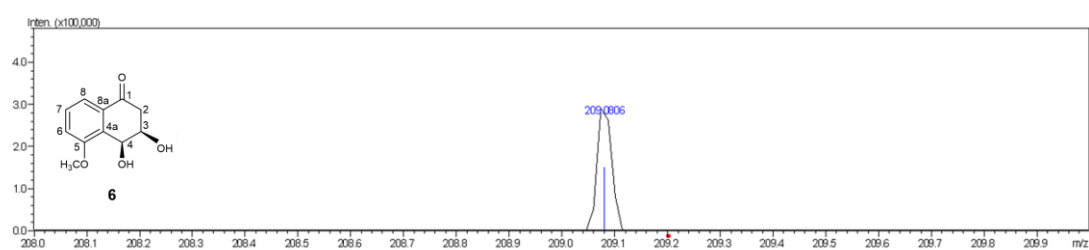


Figure S47. HR-ESI-MS of compound **6**

Table S1. Gibbs free energies^a and equilibrium populations^b of low-energy conformers of dalesconoside A (**1**)

Conformers of 1	In MeOH	
	ΔG^a	$P (\%)^b$

<i>1-1</i>	<i>-744279.56707494</i>	<i>58.70</i>
<i>1-2</i>	<i>-744278.51599569</i>	<i>9.94</i>
<i>1-3</i>	<i>-744278.45826477</i>	<i>9.02</i>
<i>1-4</i>	<i>-744278.55678384</i>	<i>10.65</i>
<i>1-5</i>	<i>-744278.61137721</i>	<i>11.68</i>

^a ΔG , B3LYP/ 6-31g (d, p), in kcal/mol. ^b Boltzmann-population.

Table S2. Cartesian coordinates for the low-energy reoptimized MMFF conformers of dalesconoside A (**1**) at B3LYP/6-31G(d,p) level of theory in gas

<i>Conformer 1-1</i>		<i>Standard Orientation</i> <i>(Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
<i>1.</i>	<i>6.</i>	<i>0.</i>	<i>-0.555849</i>	<i>3.082147</i>	<i>1.578182</i>
<i>2.</i>	<i>6.</i>	<i>0.</i>	<i>-0.352026</i>	<i>2.735590</i>	<i>2.928406</i>
<i>3.</i>	<i>6.</i>	<i>0.</i>	<i>-0.152146</i>	<i>1.422644</i>	<i>3.302851</i>
<i>4.</i>	<i>6.</i>	<i>0.</i>	<i>-0.155445</i>	<i>0.368197</i>	<i>2.332110</i>
<i>5.</i>	<i>6.</i>	<i>0.</i>	<i>-0.350845</i>	<i>0.745380</i>	<i>0.955911</i>
<i>6.</i>	<i>6.</i>	<i>0.</i>	<i>-0.550766</i>	<i>2.106569</i>	<i>0.609217</i>
<i>7.</i>	<i>6.</i>	<i>0.</i>	<i>0.015198</i>	<i>-1.024105</i>	<i>2.630892</i>
<i>8.</i>	<i>6.</i>	<i>0.</i>	<i>0.024991</i>	<i>-1.956553</i>	<i>1.618585</i>

9.	6.	0.	-0.140365	-1.591193	0.265692
10.	6.	0.	-0.340846	-0.267162	-0.055535
11.	8.	0.	-0.005819	1.165100	4.649896
12.	6.	0.	1.347238	1.078913	5.104802
13.	8.	0.	0.235780	-1.474932	3.916918
14.	6.	0.	-0.948323	-1.719609	4.679505
15.	8.	0.	-0.525614	0.188105	-1.344972
16.	6.	0.	-0.944134	-0.737687	-2.338105
17.	8.	0.	0.131876	-1.546053	-2.776583
18.	6.	0.	0.667827	-1.069193	-4.029397
19.	6.	0.	-0.065172	0.249393	-4.315980
20.	6.	0.	-1.394517	0.071947	-3.554691
21.	8.	0.	-0.264121	0.380898	-5.722399
22.	8.	0.	-2.283569	-0.714819	-4.318660
23.	6.	0.	2.178484	-0.927544	-3.886865
24.	8.	0.	2.533411	0.030905	-2.907379
25.	1.	0.	-0.714959	4.121808	1.308207
26.	1.	0.	-0.356239	3.491419	3.707187
27.	1.	0.	-0.700710	2.357545	-0.433176
28.	1.	0.	0.183457	-2.996681	1.884045
29.	1.	0.	-0.083846	-2.347680	-0.507062

30.	1.	0.	1.854392	0.211339	4.672235
31.	1.	0.	1.898750	1.996297	4.862369
32.	1.	0.	1.298450	0.963364	6.189675
33.	1.	0.	-0.618477	-2.140860	5.631730
34.	1.	0.	-1.496809	-0.791490	4.867368
35.	1.	0.	-1.598380	-2.442092	4.169392
36.	1.	0.	-1.726551	-1.388114	-1.935946
37.	1.	0.	0.429036	-1.794738	-4.817667
38.	1.	0.	0.510613	1.085196	-3.905871
39.	1.	0.	-1.851952	1.021979	-3.246849
40.	1.	0.	-0.361549	1.319423	-5.929025
41.	1.	0.	-2.052976	-0.537623	-5.246183
42.	1.	0.	2.610329	-1.915186	-3.665356
43.	1.	0.	2.596264	-0.584449	-4.839412
44.	1.	0.	2.080912	-0.229394	-2.091065

<i>Conformer 1-2</i>		<i>Standard Orientation</i> <i>(Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
1.	6.	0.	1.708436	2.839643	-1.140022

2.	6.	0.	1.648110	2.660823	-2.536144
3.	6.	0.	1.055380	1.541777	-3.084242
4.	6.	0.	0.490615	0.520879	-2.251487
5.	6.	0.	0.551611	0.728481	-0.826955
6.	6.	0.	1.167272	1.894100	-0.301125
7.	6.	0.	-0.120182	-0.685115	-2.730098
8.	6.	0.	-0.655435	-1.593607	-1.844989
9.	6.	0.	-0.619619	-1.385342	-0.450253
10.	6.	0.	-0.014428	-0.253240	0.045663
11.	8.	0.	1.082159	1.422264	-4.457669
12.	6.	0.	-0.094241	1.882840	-5.128633
13.	8.	0.	-0.252282	-0.953180	-4.077493
14.	6.	0.	0.874544	-1.597284	-4.676821
15.	8.	0.	0.078302	0.031513	1.397192
16.	6.	0.	0.015831	-1.056758	2.324129
17.	8.	0.	-1.304990	-1.494556	2.518194
18.	6.	0.	-1.777587	-1.127507	3.838558
19.	6.	0.	-0.507644	-1.038870	4.691710
20.	6.	0.	0.542086	-0.541112	3.682642
21.	8.	0.	-0.189801	-2.340025	5.149186
22.	8.	0.	1.811075	-1.067101	4.040959

23.	6.	0.	-2.602148	0.155692	3.757830
24.	8.	0.	-1.844080	1.283554	3.347780
25.	1.	0.	2.182182	3.727265	-0.731625
26.	1.	0.	2.074209	3.393943	-3.213405
27.	1.	0.	1.202646	2.022059	0.773517
28.	1.	0.	-1.132087	-2.480477	-2.249498
29.	1.	0.	-1.090814	-2.097338	0.216011
30.	1.	0.	-0.955893	1.252139	-4.890565
31.	1.	0.	-0.307945	2.926955	-4.866987
32.	1.	0.	0.117399	1.815047	-6.197836
33.	1.	0.	0.589030	-1.818496	-5.707564
34.	1.	0.	1.750029	-0.940709	-4.678618
35.	1.	0.	1.109893	-2.534885	-4.157003
36.	1.	0.	0.614019	-1.885044	1.928640
37.	1.	0.	-2.406333	-1.950554	4.193467
38.	1.	0.	-0.623567	-0.336168	5.529052
39.	1.	0.	0.544185	0.552392	3.663282
40.	1.	0.	0.773817	-2.366444	5.252171
41.	1.	0.	2.496284	-0.583286	3.564334
42.	1.	0.	-3.454805	-0.022977	3.086319
43.	1.	0.	-3.003532	0.392012	4.749544

44.	1.	0.	-1.521701	1.110696	2.448853
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<i>Conformer 1-3</i>		<i>Standard Orientation (Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
1.	6.	0.	1.696275	3.056515	0.129991
2.	6.	0.	2.287625	3.101969	-1.147850
3.	6.	0.	2.139611	2.056930	-2.036676
4.	6.	0.	1.369061	0.897948	-1.694269
5.	6.	0.	0.774636	0.869785	-0.382121
6.	6.	0.	0.958647	1.959467	0.508363
7.	6.	0.	1.153304	-0.228308	-2.555426
8.	6.	0.	0.401602	-1.298882	-2.126741
9.	6.	0.	-0.190615	-1.328899	-0.846741
10.	6.	0.	-0.000571	-0.267224	0.007871
11.	8.	0.	2.711202	2.201745	-3.283187
12.	6.	0.	4.016788	1.634563	-3.420737
13.	8.	0.	1.725289	-0.309418	-3.808783
14.	6.	0.	0.960546	0.285750	-4.860039
15.	8.	0.	-0.538462	-0.208309	1.282054

16.	6.	0.	-0.890151	-1.437524	1.926658
17.	8.	0.	-2.106748	-1.945285	1.442715
18.	6.	0.	-3.153737	-1.790557	2.433448
19.	6.	0.	-2.416925	-1.804909	3.776806
20.	6.	0.	-1.073498	-1.136414	3.431877
21.	8.	0.	-2.226175	-3.152791	4.163264
22.	8.	0.	-0.058047	-1.693003	4.253130
23.	6.	0.	-3.965034	-0.528092	2.148495
24.	8.	0.	-3.213997	0.667878	2.292800
25.	1.	0.	1.826328	3.890868	0.812652
26.	1.	0.	2.865828	3.963213	-1.466752
27.	1.	0.	0.501042	1.911672	1.488591
28.	1.	0.	0.268585	-2.134694	-2.805830
29.	1.	0.	-0.813604	-2.166346	-0.558087
30.	1.	0.	4.701132	2.043987	-2.666702
31.	1.	0.	3.982469	0.543711	-3.343390
32.	1.	0.	4.368434	1.914151	-4.416124
33.	1.	0.	1.492069	0.065704	-5.788456
34.	1.	0.	-0.045287	-0.150911	-4.906141
35.	1.	0.	0.891732	1.370416	-4.732309
36.	1.	0.	-0.096177	-2.168124	1.737407

37.	1.	0.	-3.799644	-2.670945	2.354356
38.	1.	0.	-2.958657	-1.238813	4.547784
39.	1.	0.	-1.157364	-0.054107	3.563805
40.	1.	0.	-1.411738	-3.174980	4.688681
41.	1.	0.	0.719299	-1.122684	4.219733
42.	1.	0.	-4.397033	-0.614549	1.140590
43.	1.	0.	-4.794643	-0.463785	2.861339
44.	1.	0.	-2.502395	0.651282	1.632951

<i>Conformer 1-4</i>		<i>Standard Orientation</i> <i>(Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
1.	6.	0.	-2.194350	-2.625564	-1.123485
2.	6.	0.	-1.766449	-3.717567	-0.342876
3.	6.	0.	-0.642226	-3.625517	0.451695
4.	6.	0.	0.132238	-2.420612	0.502001
5.	6.	0.	-0.330440	-1.311445	-0.291955
6.	6.	0.	-1.492770	-1.443294	-1.095033
7.	6.	0.	1.327774	-2.243192	1.273427
8.	6.	0.	1.983972	-1.033387	1.269416

9.	6.	0.	1.522851	0.064661	0.512969
10.	6.	0.	0.394225	-0.077096	-0.263123
11.	8.	0.	-0.267036	-4.756511	1.147621
12.	6.	0.	-0.725373	-4.812490	2.500463
13.	8.	0.	1.829095	-3.240369	2.087588
14.	6.	0.	2.699439	-4.166793	1.434537
15.	8.	0.	-0.129416	0.925494	-1.047780
16.	6.	0.	0.689572	2.033739	-1.378495
17.	8.	0.	0.851711	2.908473	-0.269598
18.	6.	0.	0.051053	4.081894	-0.443223
19.	6.	0.	-0.914067	3.759765	-1.596004
20.	6.	0.	-0.048824	2.832802	-2.458516
21.	8.	0.	-1.309536	4.895369	-2.340690
22.	8.	0.	0.899000	3.586491	-3.187789
23.	6.	0.	-0.659857	4.444257	0.849653
24.	8.	0.	-1.451771	5.592936	0.525587
25.	1.	0.	-3.078909	-2.723093	-1.745768
26.	1.	0.	-2.304376	-4.660113	-0.355364
27.	1.	0.	-1.810617	-0.594260	-1.686877
28.	1.	0.	2.870862	-0.932088	1.886573
29.	1.	0.	2.039040	1.014365	0.572811

30.	1.	0.	-0.257478	-4.032407	3.108438
31.	1.	0.	-1.818159	-4.719657	2.545909
32.	1.	0.	-0.430718	-5.792006	2.883369
33.	1.	0.	3.075606	-4.835644	2.211988
34.	1.	0.	2.161065	-4.754100	0.684221
35.	1.	0.	3.543864	-3.645088	0.965884
36.	1.	0.	1.678633	1.688390	-1.695264
37.	1.	0.	0.690847	4.919770	-0.750829
38.	1.	0.	-1.781927	3.202570	-1.215000
39.	1.	0.	-0.634702	2.170911	-3.108172
40.	1.	0.	-1.615659	5.547031	-1.690609
41.	1.	0.	0.443744	4.408549	-3.431813
42.	1.	0.	-1.282664	3.598709	1.174154
43.	1.	0.	0.065267	4.664909	1.644673
44.	1.	0.	-2.003534	5.817209	1.284285

<i>Conformer 1-5</i>		<i>Standard Orientation</i> <i>(Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
1.	6.	0.	2.494561	2.577554	0.221603

2.	6.	0.	2.928708	2.685413	-1.114326
3.	6.	0.	2.500509	1.791815	-2.074451
4.	6.	0.	1.590001	0.734210	-1.748014
5.	6.	0.	1.161089	0.639212	-0.376365
6.	6.	0.	1.631968	1.570308	0.585224
7.	6.	0.	1.083459	-0.231270	-2.679422
8.	6.	0.	0.218402	-1.215446	-2.258763
9.	6.	0.	-0.210744	-1.310557	-0.918115
10.	6.	0.	0.256482	-0.402612	0.005714
11.	8.	0.	2.938459	1.994855	-3.367161
12.	6.	0.	4.097177	1.242958	-3.736081
13.	8.	0.	1.475870	-0.246559	-4.003990
14.	6.	0.	0.703799	0.588621	-4.868734
15.	8.	0.	-0.092827	-0.412128	1.337094
16.	6.	0.	-0.673454	-1.583207	1.883930
17.	8.	0.	-2.026764	-1.730386	1.473937
18.	6.	0.	-2.909197	-1.392089	2.548929
19.	6.	0.	-2.035485	-0.684680	3.598039
20.	6.	0.	-0.696121	-1.406742	3.406291
21.	8.	0.	-2.496003	-0.848960	4.925289
22.	8.	0.	-0.739388	-2.685841	4.006437

23.	6.	0.	-4.058480	-0.533498	2.049315
24.	8.	0.	-4.829155	-0.231188	3.218019
25.	1.	0.	2.846481	3.290960	0.960794
26.	1.	0.	3.604354	3.477234	-1.421621
27.	1.	0.	1.293712	1.471628	1.608972
28.	1.	0.	-0.135429	-1.931869	-2.993113
29.	1.	0.	-0.926384	-2.071997	-0.635105
30.	1.	0.	4.929595	1.447946	-3.050661
31.	1.	0.	3.881585	0.170438	-3.753733
32.	1.	0.	4.368722	1.572151	-4.741454
33.	1.	0.	1.072242	0.407480	-5.881061
34.	1.	0.	-0.360651	0.324954	-4.818706
35.	1.	0.	0.837943	1.646183	-4.620677
36.	1.	0.	-0.114361	-2.466560	1.560076
37.	1.	0.	-3.311570	-2.311036	2.995791
38.	1.	0.	-1.920676	0.377421	3.337854
39.	1.	0.	0.166184	-0.821478	3.748896
40.	1.	0.	-3.435729	-0.608720	4.913599
41.	1.	0.	-1.269412	-2.576150	4.812413
42.	1.	0.	-3.657715	0.375683	1.579229
43.	1.	0.	-4.653584	-1.075895	1.302164

44.	1.	0.	-5.527174	0.390846	2.980943
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Table S3. Gibbs free energies^a and equilibrium populations^b of low-energy conformers of dalesconoside B (**2**)

Conformers of 2	In MeOH	
	ΔG^a	$P (\%)^b$
2-1	-722512.40857848	90.46
2-2	-722510.94271512	7.60
2-3	-722510.05165092	1.69
2-4	-722508.92652549	0.25

^a ΔG , B3LYP/6-31g (d, p), in kcal/mol. ^b Boltzmann-population.

Table S4. Cartesian coordinates for the low-energy reoptimized MMFF conformers of dalesconoside B (**2**) at B3LYP/6-31G(d,p) level of theory in gas

1.2

Conformer 2-1		Standard Orientation			
		(Ångstroms)			
Center Number	Atom	Type	X	Y	Z
1.	6.	0.	1.268382	4.924338	-0.190601
2.	6.	0.	1.305173	4.005234	0.862338

3.	6.	0.	1.030912	2.658126	0.623370
4.	6.	0.	0.737413	2.190187	-0.678248
5.	6.	0.	0.682905	3.143455	-1.713557
6.	6.	0.	0.952292	4.499867	-1.469509
7.	6.	0.	0.449843	0.701776	-0.943653
8.	6.	0.	0.694099	0.374930	-2.423653
9.	6.	0.	-0.054065	1.313953	-3.367509
10.	6.	0.	0.305780	2.765771	-3.115965
11.	8.	0.	0.268827	3.598352	-4.008348
12.	8.	0.	1.414368	-0.119073	-0.250588
13.	8.	0.	1.022987	1.714898	1.628606
14.	6.	0.	1.290062	2.120302	2.966940
15.	6.	0.	-0.994705	0.387246	-0.462634
16.	6.	0.	-1.593210	-1.005909	-0.742151
17.	6.	0.	-0.967365	-2.204057	-0.018957
18.	8.	0.	-0.908732	-1.913430	1.368940
19.	6.	0.	-1.025085	-3.134457	2.150652
20.	6.	0.	-1.294988	-4.260459	1.139274
21.	6.	0.	-1.791102	-3.510129	-0.110590
22.	8.	0.	0.301853	-2.556043	-0.535114
23.	6.	0.	0.225603	-3.321377	2.998656

24.	8.	0.	-1.623904	-4.186622	-1.334256
25.	1.	0.	1.480914	5.970454	0.007178
26.	1.	0.	1.544692	4.348447	1.861254
27.	1.	0.	0.898147	5.186874	-2.306126
28.	1.	0.	1.772866	0.460344	-2.595369
29.	1.	0.	0.429130	-0.669141	-2.607712
30.	1.	0.	0.152732	1.092321	-4.417847
31.	1.	0.	-1.140962	1.215099	-3.236401
32.	1.	0.	1.347964	0.105771	0.692866
33.	1.	0.	1.206263	1.217573	3.572461
34.	1.	0.	0.556422	2.857789	3.311435
35.	1.	0.	2.300182	2.534452	3.066217
36.	1.	0.	-1.028615	0.569686	0.615563
37.	1.	0.	-1.662599	1.129880	-0.914884
38.	1.	0.	-1.598240	-1.237814	-1.812511
39.	1.	0.	-2.643833	-0.956522	-0.433528
40.	1.	0.	-1.894364	-2.995351	2.807907
41.	1.	0.	-0.368275	-4.784415	0.884589
42.	1.	0.	-2.014851	-4.995425	1.508079
43.	1.	0.	-2.857337	-3.275908	-0.016716
44.	1.	0.	0.879842	-1.765695	-0.450986

45.	1.	0.	1.101837	-3.430686	2.352786
46.	1.	0.	0.381728	-2.459235	3.654809
47.	1.	0.	0.137869	-4.215472	3.625823
48.	1.	0.	-0.679857	-4.090905	-1.541330

<i>Conformer 2-2</i>		<i>Standard Orientation (Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
1.	6.	0.	0.674571	5.026083	-0.226703
2.	6.	0.	0.814313	4.116085	0.825522
3.	6.	0.	0.733497	2.744870	0.579143
4.	6.	0.	0.536511	2.247157	-0.729894
5.	6.	0.	0.372934	3.188425	-1.764587
6.	6.	0.	0.447229	4.568041	-1.512799
7.	6.	0.	0.468734	0.734045	-1.003196
8.	6.	0.	0.787694	0.452199	-2.478654
9.	6.	0.	-0.063455	1.281769	-3.437674
10.	6.	0.	0.081774	2.768687	-3.175125
11.	8.	0.	-0.055109	3.591694	-4.066727
12.	8.	0.	1.526740	0.056614	-0.291775

13.	8.	0.	0.831093	1.805937	1.581911
14.	6.	0.	1.027830	2.236778	2.924275
15.	6.	0.	-0.925739	0.215482	-0.551374
16.	6.	0.	-1.285844	-1.260900	-0.804875
17.	6.	0.	-0.455065	-2.317010	-0.053076
18.	8.	0.	-0.328513	-1.899298	1.312809
19.	6.	0.	-0.829654	-2.899725	2.227246
20.	6.	0.	-1.794746	-3.737935	1.372187
21.	6.	0.	-1.150171	-3.716170	-0.016749
22.	8.	0.	0.807418	-2.502062	-0.641347
23.	6.	0.	0.316140	-3.688199	2.857866
24.	8.	0.	-0.210185	-4.767016	-0.132466
25.	1.	0.	0.737095	6.090612	-0.022888
26.	1.	0.	0.981854	4.484329	1.830136
27.	1.	0.	0.317165	5.244842	-2.349379
28.	1.	0.	1.847102	0.690319	-2.625848
29.	1.	0.	0.678019	-0.617748	-2.672649
30.	1.	0.	0.197225	1.097241	-4.483211
31.	1.	0.	-1.128427	1.030090	-3.333219
32.	1.	0.	1.384913	0.227211	0.654705
33.	1.	0.	1.058751	1.327767	3.525365

34.	1.	0.	0.199631	2.868767	3.264671
35.	1.	0.	1.972975	2.780823	3.035843
36.	1.	0.	-1.016017	0.412548	0.520473
37.	1.	0.	-1.686197	0.835311	-1.040649
38.	1.	0.	-1.250324	-1.503626	-1.872774
39.	1.	0.	-2.332330	-1.382610	-0.497048
40.	1.	0.	-1.367198	-2.351205	3.010654
41.	1.	0.	-1.920161	-4.762196	1.730609
42.	1.	0.	-2.779677	-3.259233	1.338848
43.	1.	0.	-1.899270	-3.791937	-0.818838
44.	1.	0.	1.295753	-1.655279	-0.531047
45.	1.	0.	0.825267	-4.291498	2.104015
46.	1.	0.	1.036124	-3.004470	3.318158
47.	1.	0.	-0.066202	-4.357873	3.636571
48.	1.	0.	0.583936	-4.357739	-0.518440

<i>Conformer 2-3</i>		<i>Standard Orientation</i> <i>(Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
1.	6.	0.	1.070920	4.970452	-0.150944

2.	6.	0.	0.936357	4.062666	0.904204
3.	6.	0.	0.738197	2.707234	0.636534
4.	6.	0.	0.627355	2.231046	-0.690762
5.	6.	0.	0.863864	3.153167	-1.726488
6.	6.	0.	1.058371	4.517504	-1.459829
7.	6.	0.	0.265164	0.760798	-0.969250
8.	6.	0.	0.231055	0.447688	-2.477109
9.	6.	0.	1.284379	1.201122	-3.290008
10.	6.	0.	1.067679	2.690425	-3.137773
11.	8.	0.	1.116722	3.472098	-4.073492
12.	8.	0.	1.316787	-0.071583	-0.410411
13.	8.	0.	0.671301	1.753287	1.625790
14.	6.	0.	0.756272	2.156033	2.988592
15.	6.	0.	-1.114333	0.421214	-0.337623
16.	6.	0.	-1.729886	-0.965835	-0.618506
17.	6.	0.	-1.039944	-2.186571	0.000969
18.	8.	0.	-0.866979	-1.955335	1.390274
19.	6.	0.	-0.907549	-3.210371	2.124368
20.	6.	0.	-1.260266	-4.293937	1.092283
21.	6.	0.	-1.862092	-3.494712	-0.078428
22.	8.	0.	0.185596	-2.507932	-0.631405

23.	6.	0.	0.414424	-3.423809	2.849156
24.	8.	0.	-1.795001	-4.117326	-1.339540
25.	1.	0.	1.218840	6.023650	0.067386
26.	1.	0.	0.995201	4.418051	1.925664
27.	1.	0.	1.223225	5.182502	-2.300095
28.	1.	0.	0.347440	-0.632412	-2.595342
29.	1.	0.	-0.762064	0.703448	-2.863976
30.	1.	0.	2.286759	0.958288	-2.912971
31.	1.	0.	1.247936	0.942931	-4.350938
32.	1.	0.	1.339166	0.127700	0.540543
33.	1.	0.	0.664948	1.240753	3.573826
34.	1.	0.	-0.058973	2.838816	3.253857
35.	1.	0.	1.718517	2.634772	3.205128
36.	1.	0.	-1.052041	0.552933	0.742950
37.	1.	0.	-1.820463	1.175393	-0.706403
38.	1.	0.	-1.831918	-1.159816	-1.690945
39.	1.	0.	-2.747888	-0.934751	-0.213594
40.	1.	0.	-1.715637	-3.107005	2.861436
41.	1.	0.	-0.357261	-4.801409	0.738504
42.	1.	0.	-1.944719	-5.047992	1.488889
43.	1.	0.	-2.917762	-3.272847	0.113512

44.	1.	0.	0.764152	-1.716269	-0.569113
45.	1.	0.	1.229789	-3.502015	2.123871
46.	1.	0.	0.626740	-2.587729	3.522955
47.	1.	0.	0.385128	-4.342971	3.444774
48.	1.	0.	-0.871510	-4.008343	-1.619520

<i>Conformer 2-4</i>		<i>Standard Orientation (Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
1.	6.	0.	2.707385	4.353249	-0.354607
2.	6.	0.	2.601996	3.505628	0.752700
3.	6.	0.	2.212653	2.176888	0.580737
4.	6.	0.	1.939050	1.651835	-0.703881
5.	6.	0.	2.028653	2.537227	-1.795550
6.	6.	0.	2.416345	3.876235	-1.620459
7.	6.	0.	1.524291	0.178265	-0.885365
8.	6.	0.	1.779894	-0.259821	-2.335829
9.	6.	0.	1.172591	0.689828	-3.365851
10.	6.	0.	1.680513	2.107883	-3.189215
11.	8.	0.	1.777132	2.875426	-4.134741

12.	8.	0.	2.356875	-0.696041	-0.119312
13.	8.	0.	2.066616	1.306867	1.639082
14.	6.	0.	2.215788	1.795232	2.967274
15.	6.	0.	0.040578	0.026482	-0.446637
16.	6.	0.	-0.499224	-1.406390	-0.556557
17.	6.	0.	-1.798128	-1.641262	0.215224
18.	8.	0.	-2.235851	-2.948741	-0.074977
19.	6.	0.	-2.985411	-3.510775	1.038295
20.	6.	0.	-2.929062	-2.456661	2.154123
21.	6.	0.	-1.728718	-1.577722	1.760401
22.	8.	0.	-2.801401	-0.677970	-0.127500
23.	6.	0.	-4.385471	-3.885699	0.574744
24.	8.	0.	-1.747943	-0.268963	2.290459
25.	1.	0.	3.009778	5.385869	-0.209333
26.	1.	0.	2.823794	3.889335	1.741017
27.	1.	0.	2.470188	4.508282	-2.499430
28.	1.	0.	2.866788	-0.302446	-2.465845
29.	1.	0.	1.411149	-1.279731	-2.473226
30.	1.	0.	1.386764	0.380204	-4.392405
31.	1.	0.	0.077498	0.720618	-3.270742
32.	1.	0.	2.329127	-0.376652	0.795413

33.	1.	0.	1.980511	0.955244	3.621155
34.	1.	0.	1.517730	2.615594	3.167958
35.	1.	0.	3.241702	2.131514	3.159008
36.	1.	0.	-0.031862	0.358234	0.592920
37.	1.	0.	-0.588284	0.713247	-1.024118
38.	1.	0.	0.251651	-2.109235	-0.182996
39.	1.	0.	-0.687956	-1.681364	-1.602731
40.	1.	0.	-2.445754	-4.417738	1.341910
41.	1.	0.	-3.831254	-1.835992	2.148838
42.	1.	0.	-2.823634	-2.897565	3.148375
43.	1.	0.	-0.790240	-2.037676	2.087828
44.	1.	0.	-2.963908	-0.749991	-1.077834
45.	1.	0.	-4.926381	-2.991468	0.250448
46.	1.	0.	-4.339793	-4.587257	-0.263337
47.	1.	0.	-4.947019	-4.358585	1.387870
48.	1.	0.	-2.398745	0.215557	1.758698

Table S5. Gibbs free energies^a and equilibrium populations^b of low-energy conformers of dalesconoside C (**3**)

Conformers of 3	In MeOH	
	ΔG^a	$P (\%)^b$

3-1	-722993.41758384	68.62
3-2	-722992.29057588	10.22
3-3	-722992.72104774	21.16

^a ΔG , B3LYP/ 6-31g (d, p), in kcal/mol. ^b Boltzmann-population.

Table S6. Cartesian coordinates for the low-energy reoptimized MMFF conformers of dalesconoside C (**3**) at B3LYP/6-31G(d,p) level of theory in gas

Conformer 3-1		Standard Orientation (Ångstroms)			
Center Number	Atom	Type	X	Y	Z
1.	6.	0.	-3.475773	1.011675	3.348760
2.	6.	0.	-2.628593	0.001476	3.775755
3.	6.	0.	-1.412598	-0.237522	3.110880
4.	6.	0.	-1.039534	0.553350	2.015245
5.	6.	0.	-1.916488	1.585183	1.599289
6.	6.	0.	-3.124944	1.813762	2.257142
7.	6.	0.	-0.502338	-1.324622	3.667936
8.	6.	0.	0.662971	-1.670363	2.735619
9.	6.	0.	1.290231	-0.407590	2.145874
10.	6.	0.	0.272604	0.359765	1.265674

11.	8.	0.	-1.479992	2.323758	0.534526
12.	6.	0.	-2.314185	3.355886	0.035894
13.	8.	0.	-0.039934	-0.955815	4.979075
14.	6.	0.	0.092806	-0.306523	-0.104455
15.	6.	0.	1.065658	-0.118550	-1.140891
16.	6.	0.	0.904989	-0.778816	-2.414661
17.	6.	0.	-0.239920	-1.621100	-2.615908
18.	6.	0.	-1.158032	-1.779398	-1.595872
19.	6.	0.	-0.987813	-1.128775	-0.364909
20.	6.	0.	2.207511	0.715624	-0.953954
21.	6.	0.	3.136810	0.895908	-1.946601
22.	6.	0.	2.995512	0.256897	-3.196914
23.	6.	0.	1.905616	-0.556523	-3.419802
24.	8.	0.	1.708401	-1.208306	-4.622093
25.	6.	0.	2.658759	-1.044010	-5.667359
26.	8.	0.	-0.487716	-2.288260	-3.772473
27.	1.	0.	0.664689	1.365559	1.086178
28.	1.	0.	-4.417785	1.189466	3.859471
29.	1.	0.	-2.889052	-0.612767	4.632406
30.	1.	0.	-3.791945	2.604073	1.934792
31.	1.	0.	-1.098467	-2.226989	3.846188

32.	1.	0.	1.394643	-2.249624	3.307368
33.	1.	0.	0.302445	-2.310815	1.921538
34.	1.	0.	1.627988	0.248702	2.960533
35.	1.	0.	2.177889	-0.656198	1.557079
36.	1.	0.	-3.277758	2.963160	-0.312287
37.	1.	0.	-1.779011	3.792874	-0.808298
38.	1.	0.	-2.495384	4.132560	0.790236
39.	1.	0.	0.256494	-0.036996	4.931013
40.	1.	0.	-2.015629	-2.418891	-1.775306
41.	1.	0.	-1.741680	-1.272193	0.402264
42.	1.	0.	2.348486	1.221238	-0.007426
43.	1.	0.	3.996333	1.537720	-1.777516
44.	1.	0.	3.742556	0.413823	-3.964178
45.	1.	0.	2.729067	0.004945	-5.976690
46.	1.	0.	3.648267	-1.402505	-5.361999
47.	1.	0.	2.294951	-1.645699	-6.500854
48.	1.	0.	0.228892	-2.087553	-4.398290

<i>Conformer 3-2</i>		<i>Standard Orientation</i> <i>(Ångstroms)</i>			
<i>Center</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>

<i>Number</i>					
1.	6.	0.	-3.478244	1.046396	3.337214
2.	6.	0.	-2.622711	0.051601	3.784347
3.	6.	0.	-1.405112	-0.188161	3.127081
4.	6.	0.	-1.038725	0.578283	2.013989
5.	6.	0.	-1.922945	1.593695	1.576595
6.	6.	0.	-3.133292	1.827437	2.229411
7.	6.	0.	-0.492090	-1.261683	3.695434
8.	6.	0.	0.636574	-1.651064	2.737475
9.	6.	0.	1.284919	-0.400365	2.146274
10.	6.	0.	0.273991	0.377150	1.267479
11.	8.	0.	-1.491951	2.312673	0.495565
12.	6.	0.	-2.329413	3.334069	-0.018032
13.	8.	0.	0.028191	-0.729188	4.926148
14.	6.	0.	0.092569	-0.283865	-0.104973
15.	6.	0.	1.062348	-0.090894	-1.143344
16.	6.	0.	0.900001	-0.746920	-2.419213
17.	6.	0.	-0.242055	-1.593099	-2.619550
18.	6.	0.	-1.156136	-1.758315	-1.597134
19.	6.	0.	-0.985442	-1.109751	-0.364958
20.	6.	0.	2.203107	0.744716	-0.955766

21.	6.	0.	3.128571	0.932310	-1.950547
22.	6.	0.	2.984318	0.299502	-3.203780
23.	6.	0.	1.896250	-0.516200	-3.426839
24.	8.	0.	1.696276	-1.161783	-4.632432
25.	6.	0.	2.642982	-0.989915	-5.679445
26.	8.	0.	-0.490797	-2.258355	-3.777645
27.	1.	0.	0.673991	1.380788	1.093837
28.	1.	0.	-4.420949	1.228096	3.845181
29.	1.	0.	-2.880675	-0.546848	4.652853
30.	1.	0.	-3.805672	2.606145	1.890407
31.	1.	0.	-1.104764	-2.150299	3.917839
32.	1.	0.	1.372489	-2.259582	3.279117
33.	1.	0.	0.236775	-2.283374	1.935413
34.	1.	0.	1.616444	0.243006	2.969770
35.	1.	0.	2.166600	-0.661945	1.553879
36.	1.	0.	-3.293087	2.933913	-0.357877
37.	1.	0.	-1.797186	3.758517	-0.870558
38.	1.	0.	-2.510903	4.122804	0.723659
39.	1.	0.	0.551271	-1.430667	5.338815
40.	1.	0.	-2.011885	-2.400491	-1.776172
41.	1.	0.	-1.737666	-1.255966	0.403453

42.	1.	0.	2.345910	1.245430	-0.006939
43.	1.	0.	3.987041	1.575463	-1.781138
44.	1.	0.	3.727788	0.463243	-3.973128
45.	1.	0.	2.709059	0.060542	-5.984730
46.	1.	0.	3.634709	-1.346207	-5.378569
47.	1.	0.	2.278974	-1.589220	-6.514622
48.	1.	0.	0.221549	-2.050621	-4.405842

<i>Conformer 3-3</i>		<i>Standard Orientation</i> <i>(Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
1.	6.	0.	-3.435411	1.079452	3.241217
2.	6.	0.	-2.562841	0.195815	3.861014
3.	6.	0.	-1.336025	-0.128913	3.259816
4.	6.	0.	-0.988608	0.415607	2.012685
5.	6.	0.	-1.867925	1.360224	1.430630
6.	6.	0.	-3.089300	1.678383	2.028163
7.	6.	0.	-0.366679	-1.036494	4.012762
8.	6.	0.	1.075667	-0.723887	3.612295
9.	6.	0.	1.222447	-0.881223	2.100469

10.	6.	0.	0.321386	0.092671	1.293878
11.	8.	0.	-1.421771	1.935470	0.274317
12.	6.	0.	-2.262777	2.855393	-0.400947
13.	8.	0.	-0.558921	-0.976891	5.425108
14.	6.	0.	0.121953	-0.463284	-0.120588
15.	6.	0.	1.043295	-0.178509	-1.177848
16.	6.	0.	0.851099	-0.770537	-2.481983
17.	6.	0.	-0.263898	-1.650101	-2.683573
18.	6.	0.	-1.123144	-1.915749	-1.633465
19.	6.	0.	-0.925102	-1.329197	-0.376409
20.	6.	0.	2.166515	0.680318	-0.987204
21.	6.	0.	3.044973	0.953106	-2.003737
22.	6.	0.	2.867764	0.388916	-3.286043
23.	6.	0.	1.798158	-0.449083	-3.512770
24.	8.	0.	1.570197	-1.033437	-4.744369
25.	6.	0.	2.476739	-0.784591	-5.811302
26.	8.	0.	-0.539106	-2.257766	-3.867338
27.	1.	0.	0.844368	1.051699	1.210009
28.	1.	0.	-4.386953	1.323334	3.705082
29.	1.	0.	-2.807195	-0.247986	4.819482
30.	1.	0.	-3.763899	2.388048	1.565078

31.	1.	0.	-0.575409	-2.085361	3.762029
32.	1.	0.	1.321726	0.302167	3.922062
33.	1.	0.	1.753562	-1.397780	4.146465
34.	1.	0.	2.263124	-0.746340	1.787248
35.	1.	0.	0.956338	-1.910517	1.830103
36.	1.	0.	-3.211466	2.392085	-0.699566
37.	1.	0.	-1.715855	3.160064	-1.294274
38.	1.	0.	-2.473574	3.740411	0.213397
39.	1.	0.	-0.469632	-0.048635	5.684712
40.	1.	0.	-1.955614	-2.587830	-1.812509
41.	1.	0.	-1.628780	-1.557187	0.419032
42.	1.	0.	2.335288	1.127061	-0.015678
43.	1.	0.	3.891604	1.610689	-1.830299
44.	1.	0.	3.573203	0.620266	-4.073491
45.	1.	0.	2.504535	0.280764	-6.067064
46.	1.	0.	3.487084	-1.126271	-5.559433
47.	1.	0.	2.101527	-1.353123	-6.662886
48.	1.	0.	0.139335	-1.990253	-4.510273

Table S7. Gibbs free energies^a and equilibrium populations^b of low-energy conformers of dalesconoside D (**6**)

Conformers of 6	In MeOH	
	ΔG^a	$P (\%)^b$
6-1	-456272.67724935	40.03
6-2	-456272.88432765	56.80
6-3	-456270.32157681	0.75
6-4	-456271.0174854	2.42

^a ΔG , B3LYP/ 6-31g (d, p), in kcal/mol. ^b Boltzmann-population.

Table S8. Cartesian coordinates for the low-energy reoptimized MMFF conformers of dalesconoside D (**6**) at B3LYP/6-31G(d,p) level of theory in gas

Conformer 6-1		Standard Orientation			
		(Ångstroms)			
Center Number	Atom	Type	X	Y	Z
1.	6.	0.	-0.065813	2.612871	-1.066355
2.	6.	0.	-0.233784	2.389895	0.304128
3.	6.	0.	-0.262242	1.084149	0.795258
4.	6.	0.	-0.108775	-0.023368	-0.064686
5.	6.	0.	0.028418	0.229798	-1.440097
6.	6.	0.	0.058107	1.541728	-1.936187
7.	6.	0.	-0.125449	-1.447317	0.487371
8.	6.	0.	0.455894	-2.469127	-0.503261

9.	6.	0.	-0.127030	-2.294499	-1.897265
10.	6.	0.	0.104541	-0.892117	-2.431179
11.	8.	0.	0.285048	-0.680156	-3.618621
12.	8.	0.	0.673837	-1.602664	1.659137
13.	8.	0.	-0.448253	0.788050	2.130625
14.	6.	0.	-0.620403	1.856527	3.055382
15.	8.	0.	1.858985	-2.296583	-0.607349
16.	1.	0.	-0.043290	3.631760	-1.440706
17.	1.	0.	-0.342150	3.234640	0.973350
18.	1.	0.	0.173934	1.679657	-3.005148
19.	1.	0.	-1.171000	-1.725567	0.704152
20.	1.	0.	0.216731	-3.471831	-0.114859
21.	1.	0.	0.310297	-3.009115	-2.598060
22.	1.	0.	-1.211616	-2.472982	-1.871091
23.	1.	0.	0.436445	-0.879839	2.259634
24.	1.	0.	-0.757243	1.388951	4.030967
25.	1.	0.	-1.507201	2.452345	2.811302
26.	1.	0.	0.260548	2.508465	3.084055
27.	1.	0.	2.161462	-2.133670	0.300502

<i>Conformer 6-2</i>	<i>Standard Orientation</i>
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		<i>(Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
1.	6.	0.	-0.154420	2.496300	-1.484487
2.	6.	0.	-0.223707	2.492572	-0.085574
3.	6.	0.	-0.177805	1.279043	0.602345
4.	6.	0.	-0.086248	0.057649	-0.094706
5.	6.	0.	0.018862	0.089554	-1.493034
6.	6.	0.	-0.026040	1.308424	-2.187738
7.	6.	0.	-0.083305	-1.236989	0.692742
8.	6.	0.	-0.384738	-2.462637	-0.178422
9.	6.	0.	0.457305	-2.435743	-1.462589
10.	6.	0.	0.216037	-1.175781	-2.273398
11.	8.	0.	0.212719	-1.176134	-3.494168
12.	8.	0.	1.204750	-1.483553	1.287526
13.	8.	0.	-0.199506	1.166258	1.970398
14.	6.	0.	-0.361254	2.347059	2.746146
15.	8.	0.	-0.190161	-3.648649	0.566820
16.	1.	0.	-0.190417	3.444120	-2.013169
17.	1.	0.	-0.305313	3.431679	0.448517
18.	1.	0.	0.049680	1.286563	-3.268929

19.	1.	0.	-0.838212	-1.180449	1.485892
20.	1.	0.	-1.447472	-2.434735	-0.448417
21.	1.	0.	1.519454	-2.454288	-1.181857
22.	1.	0.	0.257772	-3.309160	-2.086704
23.	1.	0.	1.318477	-0.825112	1.985864
24.	1.	0.	-0.385690	2.022157	3.786980
25.	1.	0.	-1.300267	2.859102	2.504619
26.	1.	0.	0.476245	3.040717	2.602785
27.	1.	0.	0.623252	-3.497966	1.074556

<i>Conformer 6-3</i>		<i>Standard Orientation</i> <i>(Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
1.	6.	0.	0.132700	2.872127	-1.191548
2.	6.	0.	-0.529047	2.715524	0.028075
3.	6.	0.	-0.696324	1.443640	0.580122
4.	6.	0.	-0.207698	0.305892	-0.082615

5.	6.	0.	0.461444	0.478954	-1.310143
6.	6.	0.	0.627330	1.758025	-1.859159
7.	6.	0.	-0.407724	-1.063770	0.525706
8.	6.	0.	-0.396847	-2.158278	-0.546434
9.	6.	0.	0.869289	-2.054532	-1.397355
10.	6.	0.	1.003572	-0.692953	-2.063717
11.	8.	0.	1.544839	-0.568240	-3.150863
12.	8.	0.	0.649369	-1.302104	1.463297
13.	8.	0.	-1.403344	1.310894	1.754380
14.	6.	0.	-0.607093	1.375105	2.946661
15.	8.	0.	-0.464630	-3.390125	0.174323
16.	1.	0.	0.255225	3.863857	-1.616480
17.	1.	0.	-0.936592	3.568931	0.561059
18.	1.	0.	1.143546	1.843858	-2.808955
19.	1.	0.	-1.374683	-1.085423	1.044221
20.	1.	0.	-1.288253	-2.037170	-1.181020
21.	1.	0.	1.731887	-2.184671	-0.731415
22.	1.	0.	0.918289	-2.823000	-2.175260
23.	1.	0.	0.556596	-2.236233	1.710686
24.	1.	0.	-1.301473	1.263131	3.781626
25.	1.	0.	-0.099301	2.344902	3.027048

26.	1.	0.	0.132141	0.568237	2.962338
27.	1.	0.	-0.313221	-4.117577	-0.442577

<i>Conformer 6-4</i>		<i>Standard Orientation</i> <i>(Ångstroms)</i>			
<i>Center Number</i>	<i>Atom</i>	<i>Type</i>	<i>X</i>	<i>Y</i>	<i>Z</i>
1.	6.	0.	-0.524687	2.716777	-0.997376
2.	6.	0.	-0.630755	2.467712	0.375278
3.	6.	0.	-0.383123	1.184822	0.874181
4.	6.	0.	-0.026894	0.137456	-0.000990
5.	6.	0.	0.076546	0.413250	-1.373975
6.	6.	0.	-0.177341	1.700324	-1.873119
7.	6.	0.	0.262429	-1.239584	0.555484
8.	6.	0.	0.009485	-2.325246	-0.496747
9.	6.	0.	0.802490	-2.020200	-1.767251
10.	6.	0.	0.450765	-0.659381	-2.347638
11.	8.	0.	0.489383	-0.452052	-3.550219
12.	8.	0.	1.629118	-1.278494	0.969440
13.	8.	0.	-0.474377	0.852019	2.193418

14.	6.	0.	-0.809197	1.863901	3.130279
15.	8.	0.	0.420575	-3.548625	0.116259
16.	1.	0.	-0.718918	3.718082	-1.370331
17.	1.	0.	-0.904725	3.275154	1.043447
18.	1.	0.	-0.090282	1.865732	-2.940735
19.	1.	0.	-0.394288	-1.428613	1.414223
20.	1.	0.	-1.067947	-2.354788	-0.722609
21.	1.	0.	1.866209	-2.000353	-1.498244
22.	1.	0.	0.658461	-2.774074	-2.547734
23.	1.	0.	1.793897	-2.206913	1.197705
24.	1.	0.	-0.067397	2.672106	3.132586
25.	1.	0.	-0.812564	1.377487	4.106415
26.	1.	0.	-1.802799	2.286693	2.934021
27.	1.	0.	0.426936	-4.242192	-0.555768