FIGURE LEGENDS

Figure S1. ¹H NMR (600 MHz, CD₃OD) spectrum of the new compound 1 Figure S2. ¹³C NMR (150 MHz, CD₃OD) spectrum of the new compound 1 Figure S3. ¹H-¹H COSY NMR (600 MHz, CD₃OD) spectrum of the new compound 1 Figure S4. HMQC NMR (600 MHz, CD₃OD) spectrum of the new compound 1 Figure S5. HMBC NMR (600 MHz, CD₃OD) spectrum of the new compound 1 Figure S6. HRESIMS spectrum of the new compound 1 Figure S7. HRESIMS data of the new compound 1 Figure S8. ESIMS (in-source fragmentation) spectrum of compound 1 Figure S9. ¹H NMR (600 MHz, CD₃OD) spectrum of the new compound 2 Figure S10. ¹³C NMR (150 MHz, CD₃OD) spectrum of the new compound 2 Figure S11. ¹H-¹H COSY NMR (600 MHz, CD₃OD) spectrum of the new compound 2 Figure S12. HMQC NMR (600 MHz, CD₃OD) spectrum of the new compound 2 Figure S13. HMBC NMR (600 MHz, CD₃OD) spectrum of the new compound 2 Figure S14. HRESIMS spectrum of the new compound 2 Figure S15. HRESIMS data of the new compound 2 Figure S16. ESIMS (in-source fragmentation) spectrum of compound 2 Figure S17. ¹H NMR (600 MHz, CD₃OD) spectrum of the new compound 3 Figure S18. ¹³C NMR (150 MHz, CD₃OD) spectrum of the new compound 3 Figure S19. ¹H-¹H COSY NMR (600 MHz, CD₃OD) spectrum of the new compound 3 Figure S20. HMQC NMR (600 MHz, CD₃OD) spectrum of the new compound 3 Figure S21. HMBC NMR (600 MHz, CD₃OD) spectrum of the new compound 3 Figure S22. HRESIMS spectrum of the new compound 3 Figure S23. HRESIMS data of the new compound 3

Figure S24. ESIMS (in-source fragmentation) spectrum of compound 3

Figure S25. ¹H NMR (600 MHz, CD₃OD) spectrum of the new compound 4

Figure S26. ¹³C NMR (150 MHz, CD₃OD) spectrum of the new compound 4

Figure S27. ¹H-¹H COSY NMR (600 MHz, CD₃OD) spectrum of the new compound 4

Figure S28. HMQC NMR (600 MHz, CD₃OD) spectrum of the new compound 4

Figure S29. HMBC NMR (600 MHz, CD₃OD) spectrum of the new compound 4

Figure S30. HRESIMS spectrum of the new compound 4

Figure S31. HRESIMS data of the new compound 4

Figure S32. ESIMS (in-source fragmentation) spectrum of compound 4

Figure S33. ¹H NMR (600 MHz, DMSO) spectrum of the new compound 5

Figure S34. ¹³C NMR (150 MHz, DMSO) spectrum of the new compound 5

Figure S35. HRESIMS spectrum of the new compound 5

Figure S36. HRESIMS data of the new compound 5

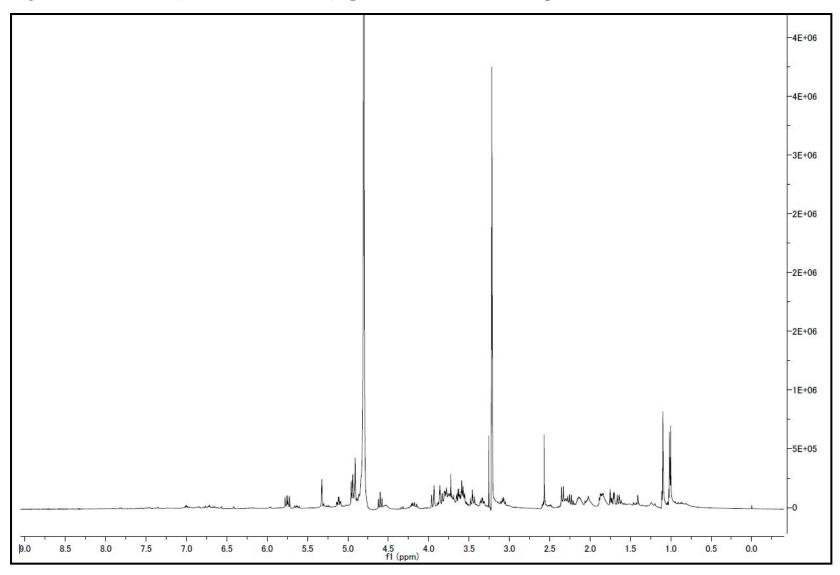


Figure S1. ¹H NMR (600 MHz, CD₃OD) spectrum of the new compound 1

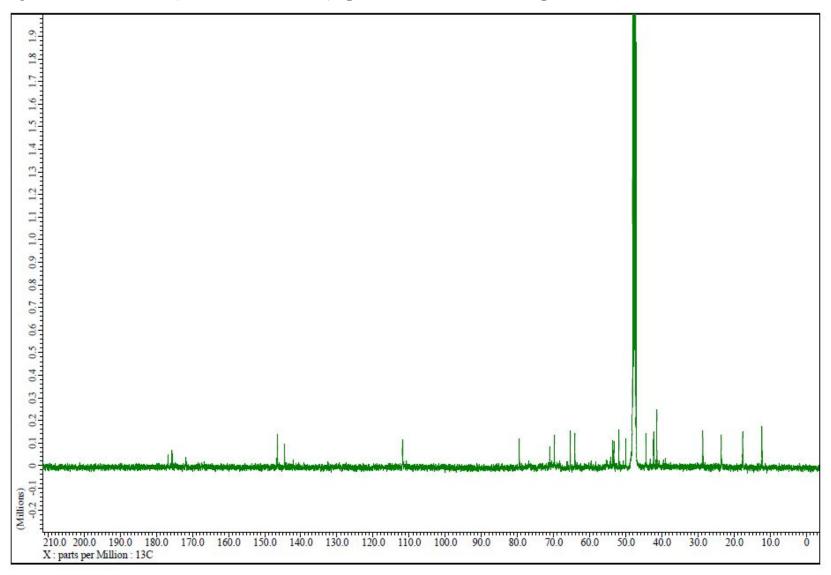


Figure S2. ¹³C NMR (150 MHz, CD₃OD) spectrum of the new compound 1

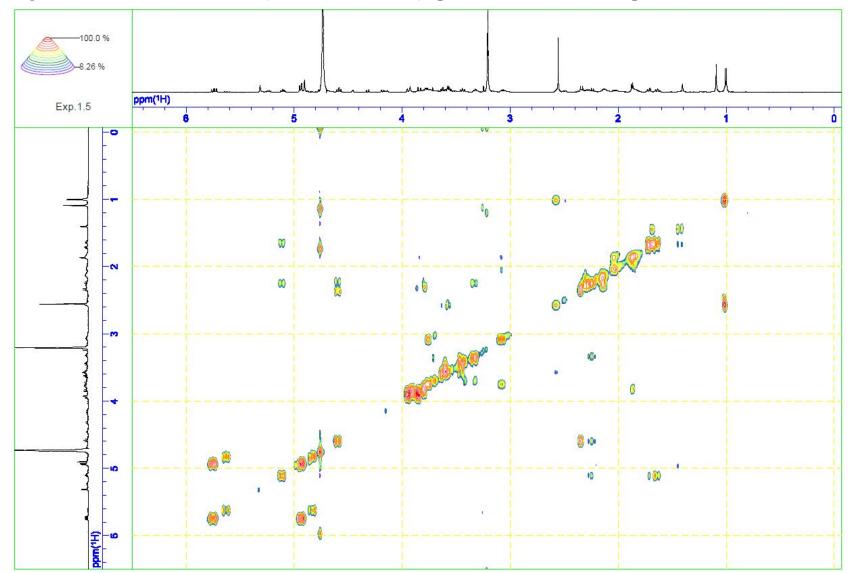


Figure S3. ¹H-¹H COSY NMR (600 MHz, CD₃OD) spectrum of the new compound 1

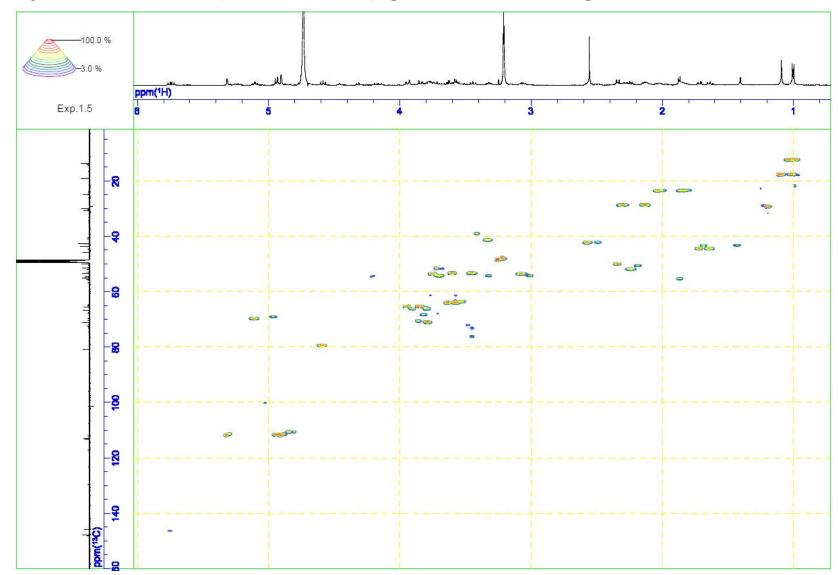


Figure S4. HMQC NMR (600 MHz, CD₃OD) spectrum of the new compound 1

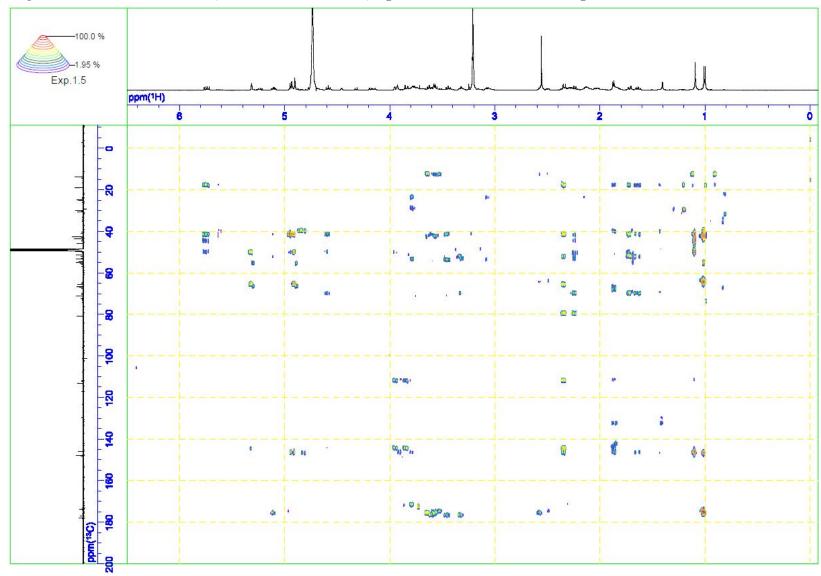


Figure S5. HMBC NMR (600 MHz, CD₃OD) spectrum of the new compound 1

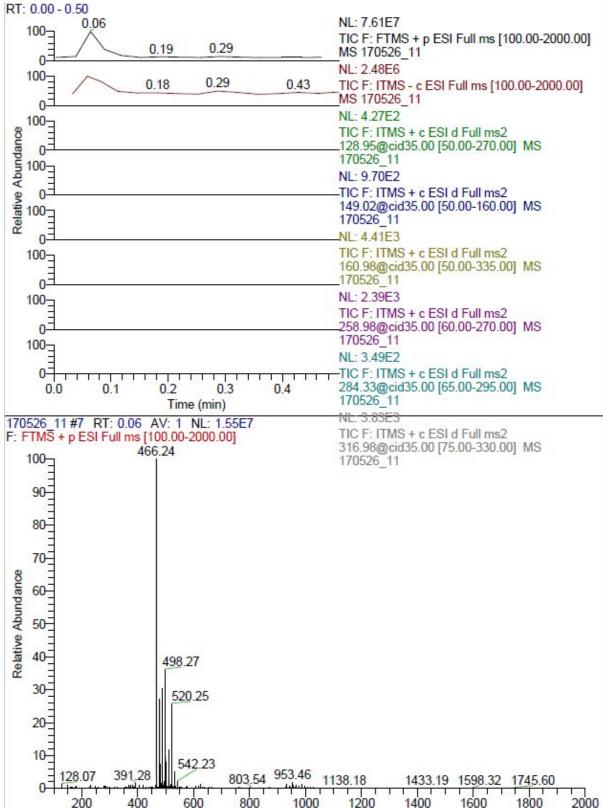


Figure S6. HRESIMS spectrum of the new compound 1

Figure S7. HRESIMS data of the new compound 1 Elemental composition search on mass 466.24

m/z	Theo. Mass	Delta (ppm)	RDB equiv.	Composition
466.2436	466.2435	0.10	10.000	C 24 H 36 O 8 N
	466.2411	5.26	4.5	C22 H37 O8 N Na
	466.2409	5.85	3.0	C21 H28 O11
	466.2478	-9.12	13.0	C30 H35 O3 Na
	466.2385	11.01	0.0	C19 H39 O11 Na
	466.2353	17.86	13.5	C 29 H 33 O 3 N Na
	466.2350	18.44	12.0	C28 H34 O6
	466.2537	-21.71	4.0	C23 H39 O8 Na
	466.2326	23.60	9.0	C26 H35 O6 Na
	466.2561	-26.87	7.0	C25 H38 O8

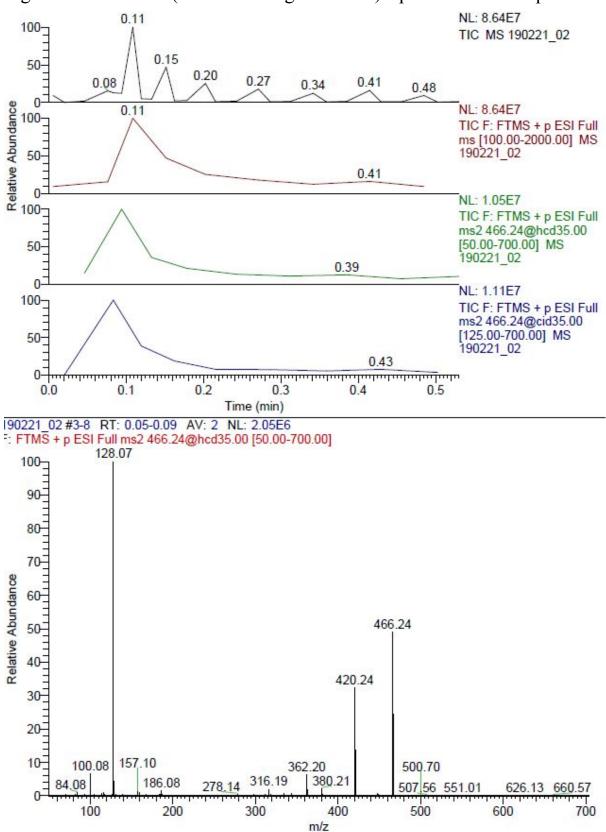


Figure S8. ESIMS (in-source fragmentation) spectrum of compound 1

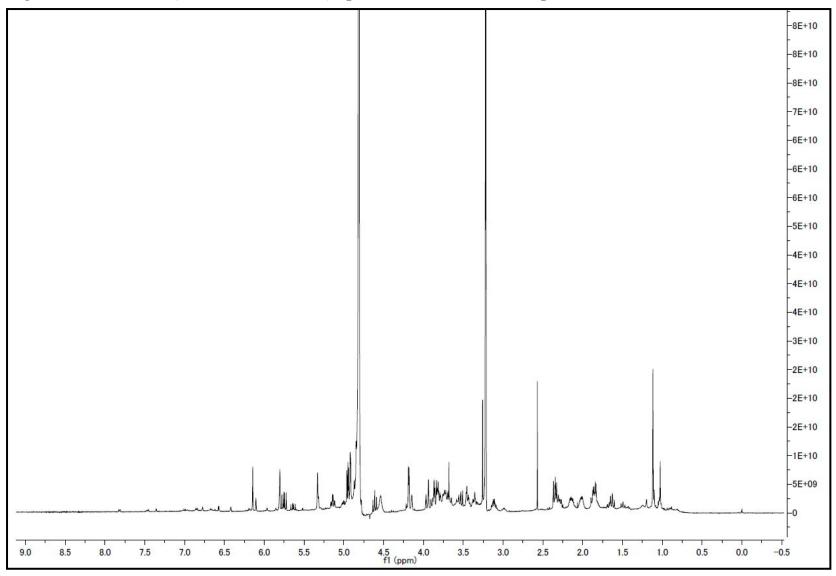


Figure S9. ¹H NMR (600 MHz, CD₃OD) spectrum of the new compound 2

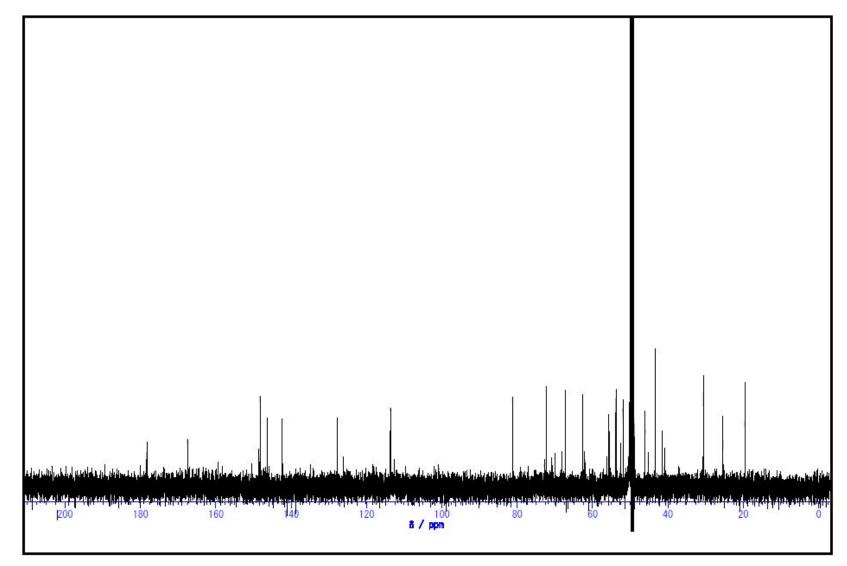


Figure S10. ¹³C NMR (150 MHz, CD₃OD) spectrum of the new compound 2

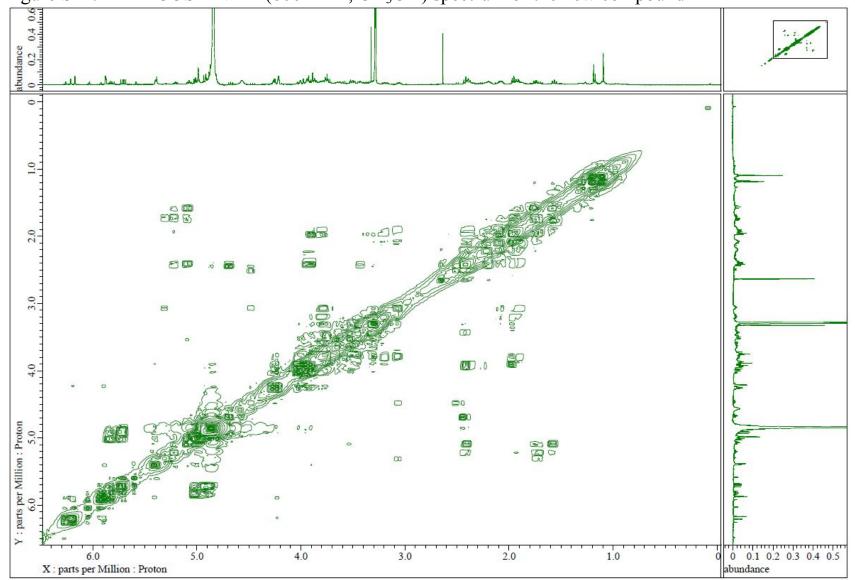


Figure S11. ¹H-¹H COSY NMR (600 MHz, CD₃OD) spectrum of the new compound 2

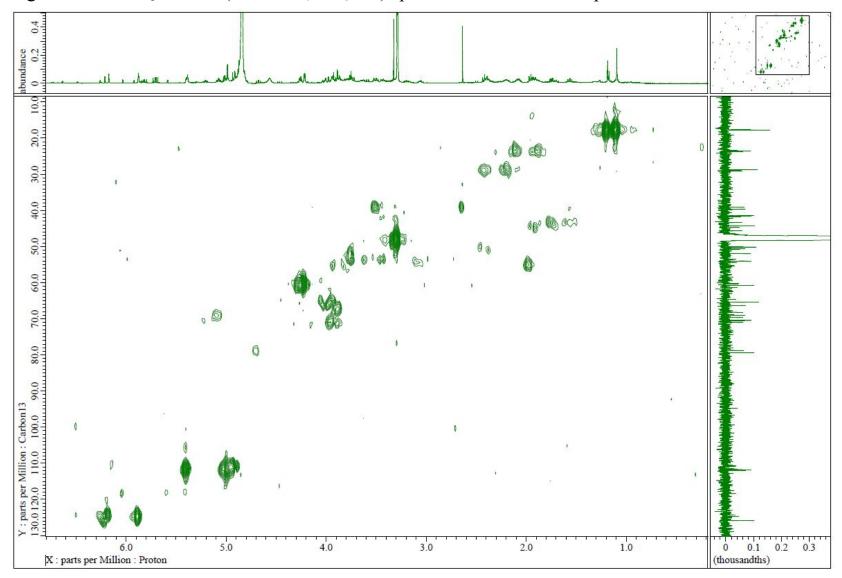


Figure S12. HMQC NMR (600 MHz, CD₃OD) spectrum of the new compound 2

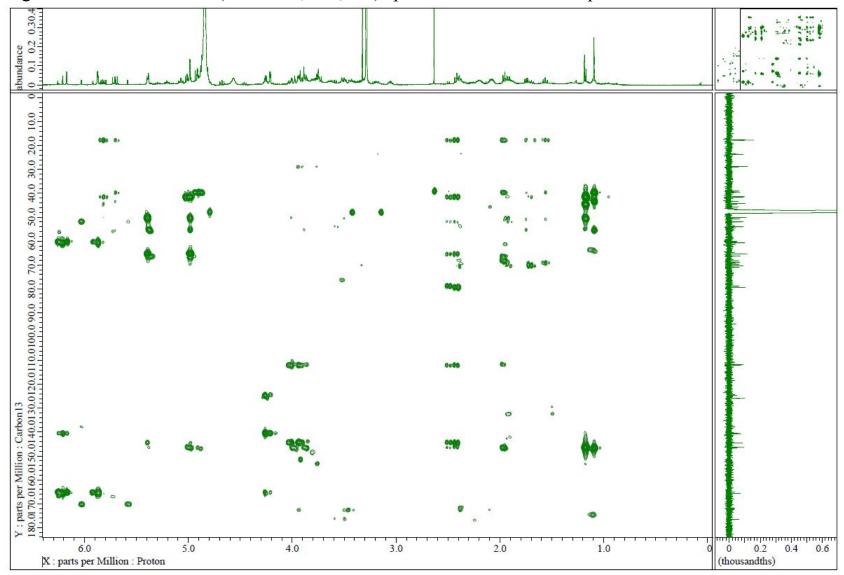


Figure S13. HMBC NMR (600 MHz, CD₃OD) spectrum of the new compound 2

Figure S14. HRESIMS spectrum of the new compound 2 RT: 0.00 - 0.51

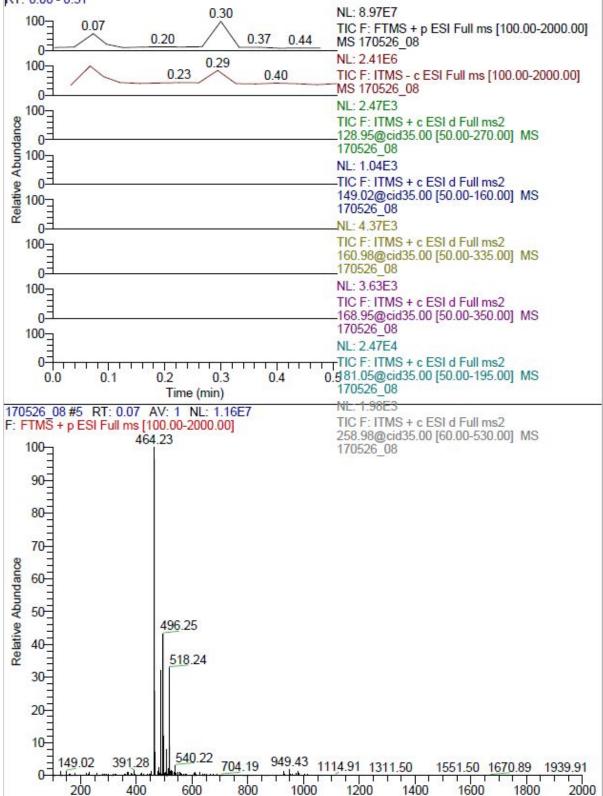


Figure S15. HRESIMS data of the new compound 2

Elemental composition search on mass 464.23

m/z	Theo. Mass	Delta (ppm)	RDB equiv.	Composition
464.2280	464.2279	0.16	8.5	C 24 H 34 O 8 N
	464.2255	5.35	5.5	C 22 H 25 O 8 N Na
	464.2252	5.94	4.0	C21 H26 O11
	464.2322	-9.09	14.0	C30 H33 O3 Na
	464.2228	11.12	1.0	C19 H27 O11 Na
	464.2338	-12.49	-0.5	C17 H38 O13 N
	464.2196	18.00	14.5	C29 H31 O3 N Na
	464.2193	18.59	13.0	C28 H32 O6
	464.2381	-21.74	5.0	C23 H37 O8 Na
	464.2169	23.77	10.0	C26 H33 O6 Na

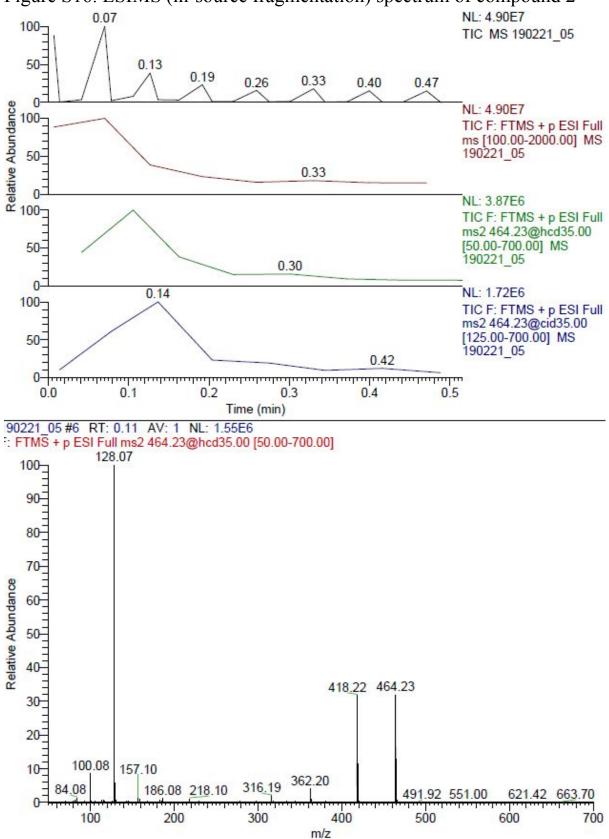


Figure S16. ESIMS (in-source fragmentation) spectrum of compound 2

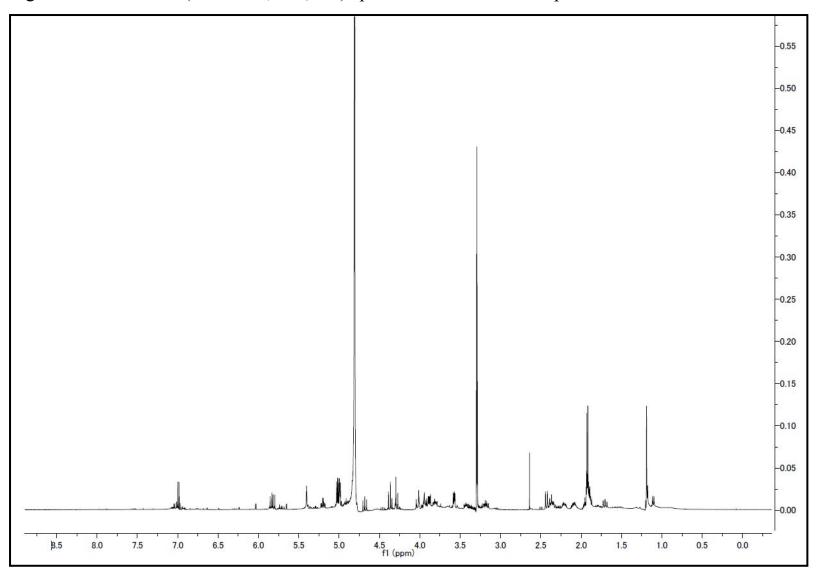


Figure S17. ¹H NMR (600 MHz, CD₃OD) spectrum of the new compound 3

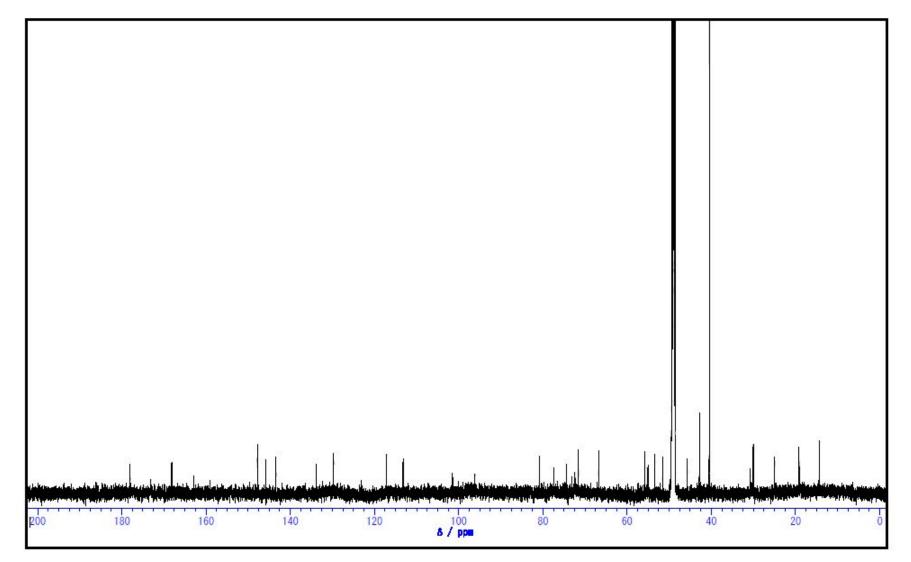


Figure S18. ¹³C NMR (150 MHz, CD₃OD) spectrum of the new compound 3

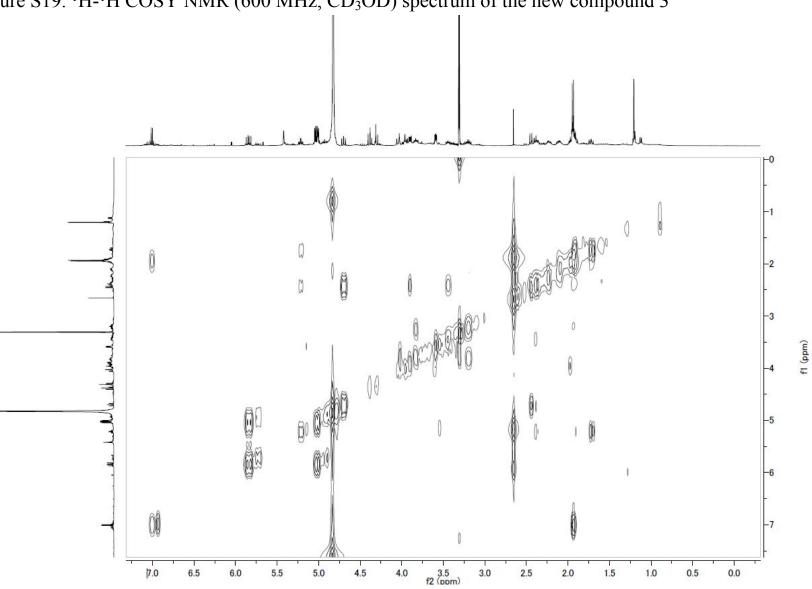


Figure S19. ¹H-¹H COSY NMR (600 MHz, CD₃OD) spectrum of the new compound 3

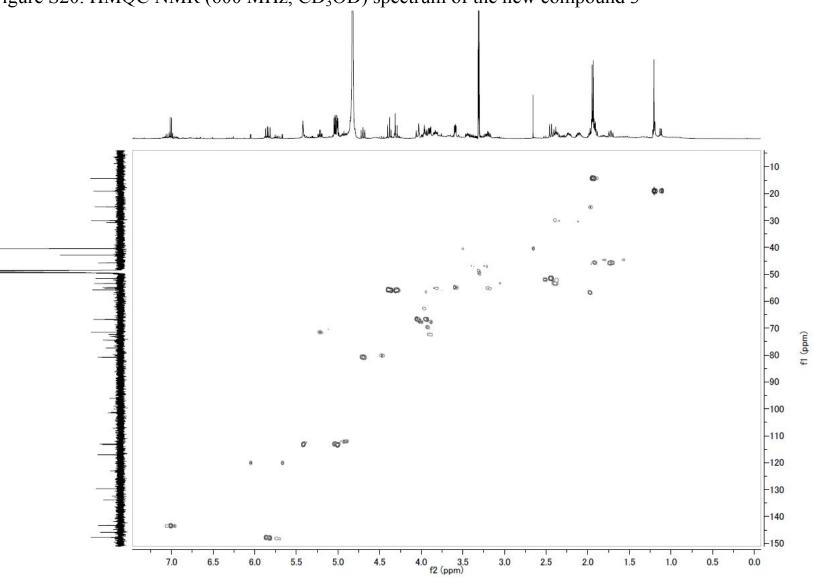


Figure S20. HMQC NMR (600 MHz, CD₃OD) spectrum of the new compound 3

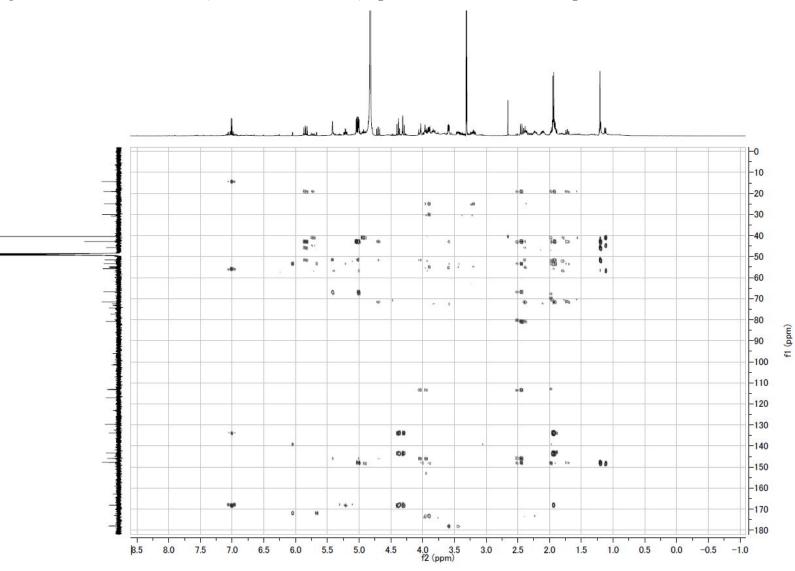


Figure S21. HMBC NMR (600 MHz, CD₃OD) spectrum of the new compound 3

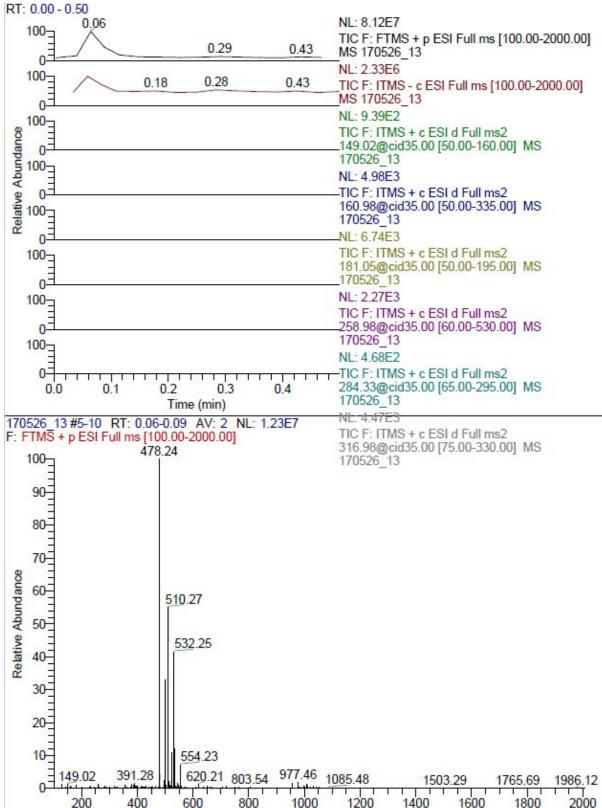


Figure S22. HRESIMS spectrum of the new compound 3

Figure S23. HRESIMS data of the new compound 3 Elemental composition search on mass 478.24

m/z	Theo. Mass	Delta (ppm)	RDB equiv.	Composition
478.2435	478.2435	-0.07	8.5	C 25 H 36 O 8 N
	478.2411	4.96	5.5	C23 H 37 O 8 N Na
	478.2409	5.53	4.0	C22 H28 O11
	478.2385	10.56	1.0	C ₂₀ H ₃₉ O ₁₁ Na
	478.2494	-12.35	-0.5	C18 H40 O13 N
	478.2353	17.24	14.5	C 30 H 33 O 3 N Na
	478.2350	17.81	13.0	C29 H24 O6
	478.2537	-21.34	5.0	C24 H29 O8 Na
	478.2326	22.84	10.0	C27 H25 O6 Na
	478.2561	-26.37	8.0	C26 H28 O8

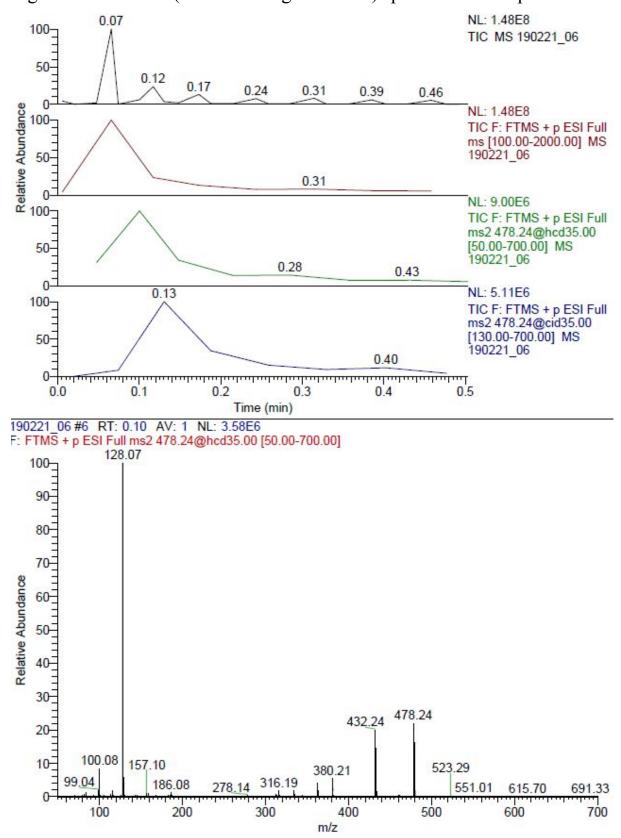


Figure S24. ESIMS (in-source fragmentation) spectrum of compound 3

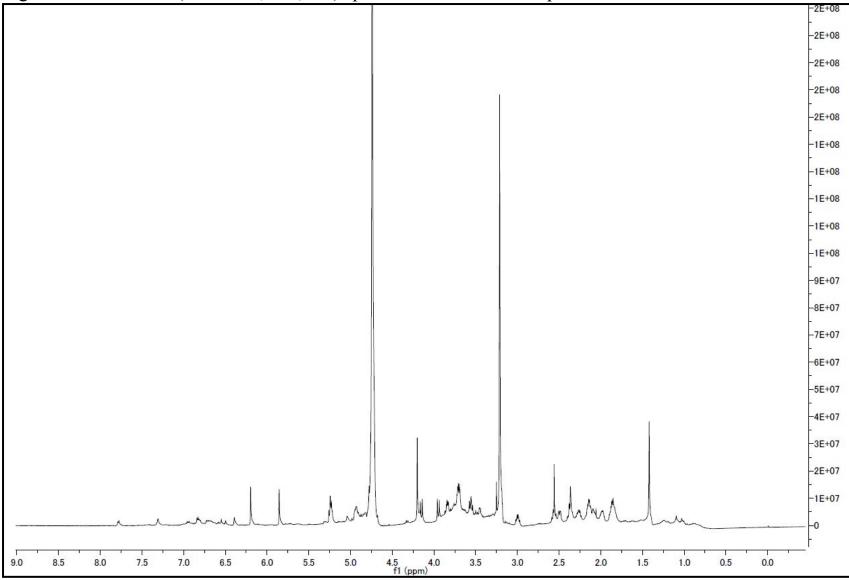


Figure S25. ¹H NMR (600 MHz, CD₃OD) spectrum of the new compound 4

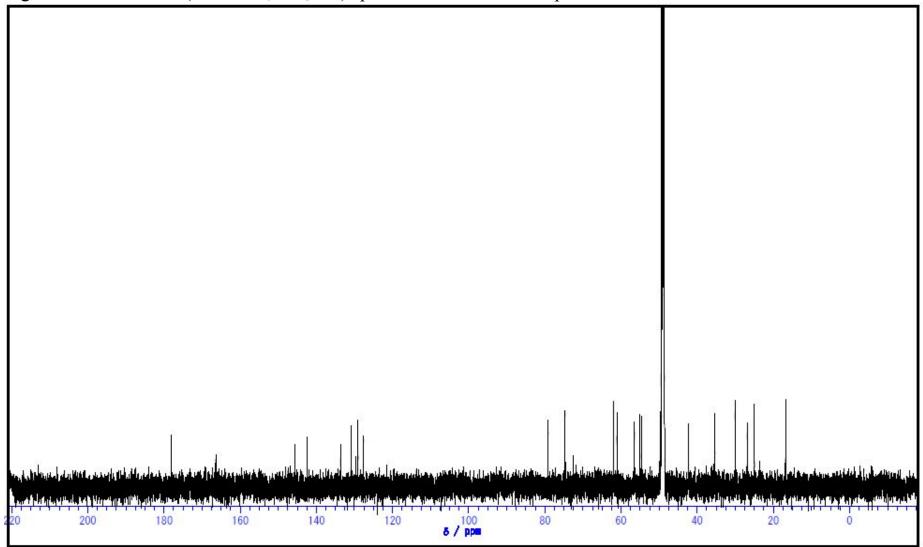


Figure S26. ¹³C NMR (150 MHz, CD₃OD) spectrum of the new compound 4

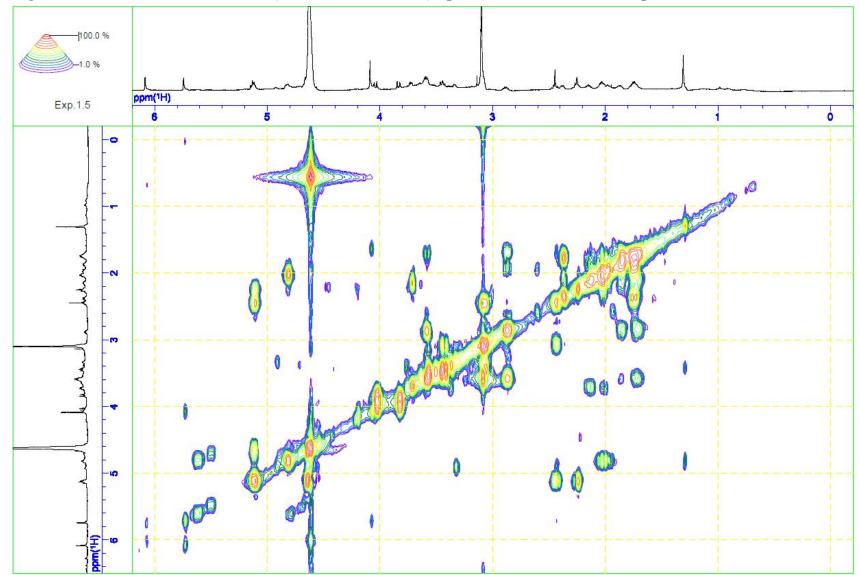


Figure S27. ¹H-¹H COSY NMR (600 MHz, CD₃OD) spectrum of the new compound 4

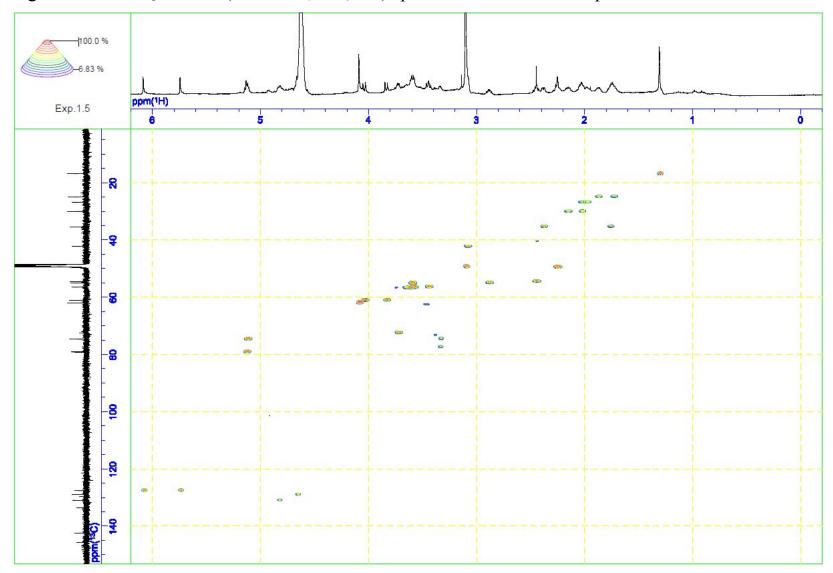


Figure S28. HMQC NMR (600 MHz, CD₃OD) spectrum of the new compound 4

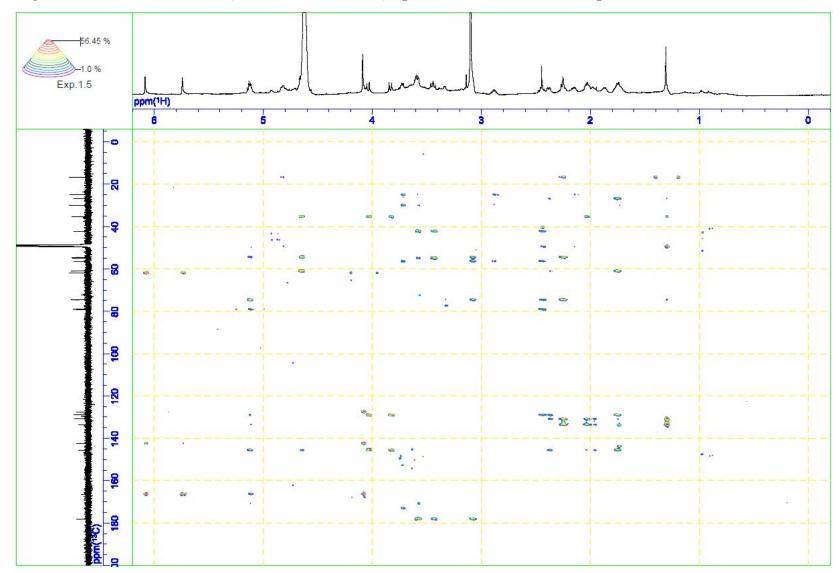


Figure S29. HMBC NMR (600 MHz, CD₃OD) spectrum of the new compound 4

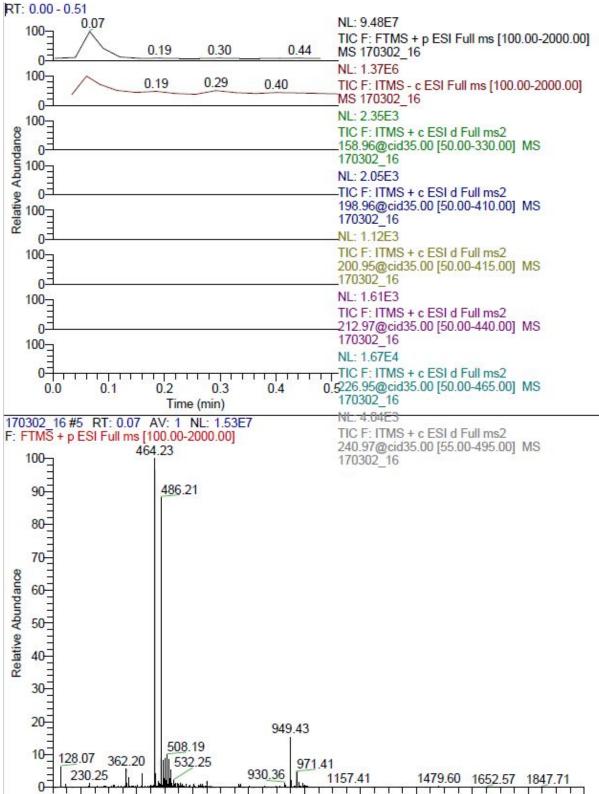


Figure S30. HRESIMS spectrum of the new compound 4

Figure S31. HRESIMS data of the new compound 4

Elemental composition search on mass 464.23 m/z 459.23-469.23 m/z Theo. Delta RDB Composition Mass (ppm) equiv. 464.2279 464.2279 -0.05 8.5 C24 H34 O8 N 464.2255 5.13 5.5 C22 H35 O8 N Na 464.2252 5.72 4.0 C21 H36 O11 464.2322 -9.31 14.0 C30 H32 O3 Na 464.2228 10.90 1.0 C19 H37 O11 Na 464.238 -12.70 -0.5 C17 H38 O13 N 464.2196 17.78 14.5 C29 H31 O3 N Na 464.2381 -21.96 5.0 C23 H32 O6 Na 464.2169 23.56 10.0 C26 H33 O6 Na

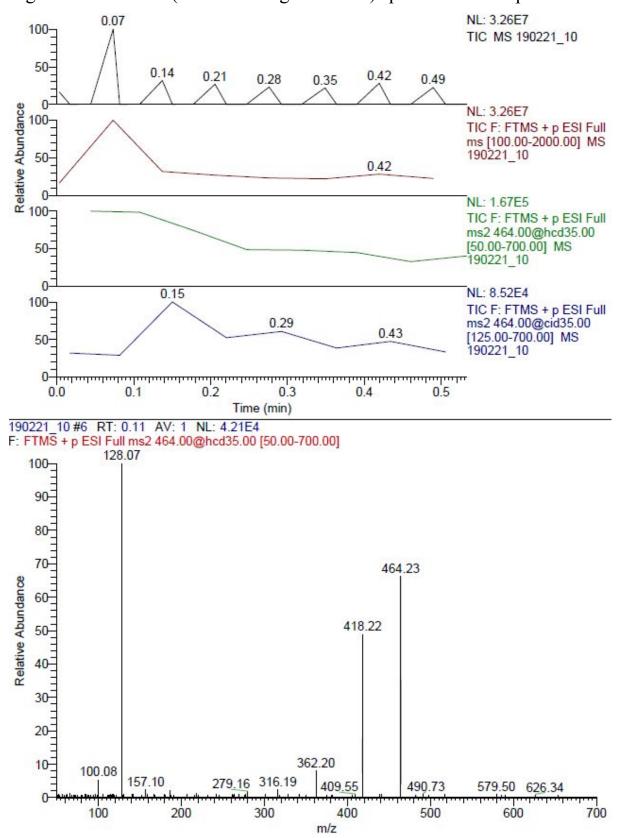


Figure S32. ESIMS (in-source fragmentation) spectrum of compound 4

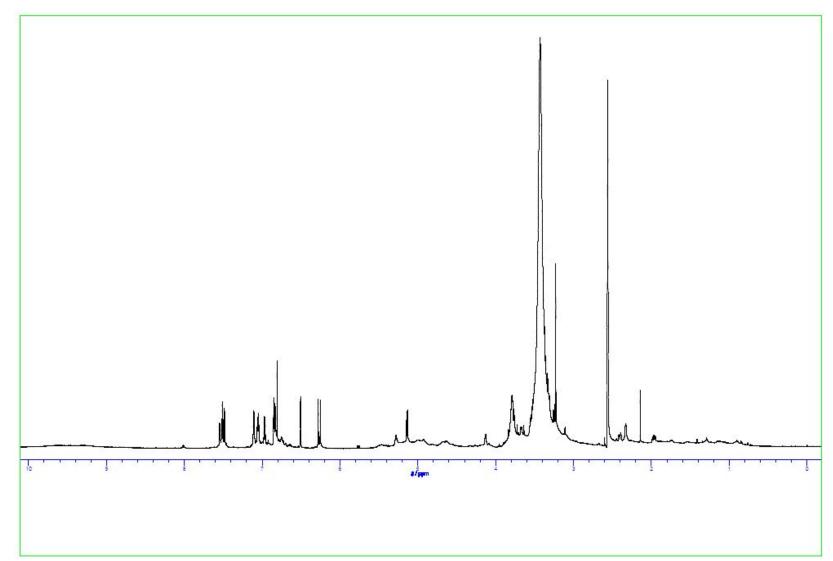


Figure S33. ¹H NMR (600 MHz, DMSO) spectrum of the new compound 5

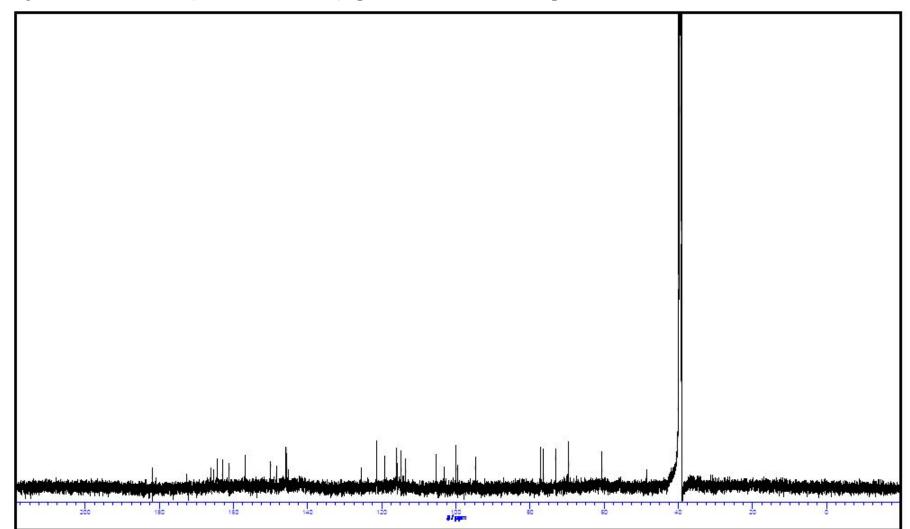


Figure S34. ¹³C NMR (150 MHz, DMSO) spectrum of the new compound 5

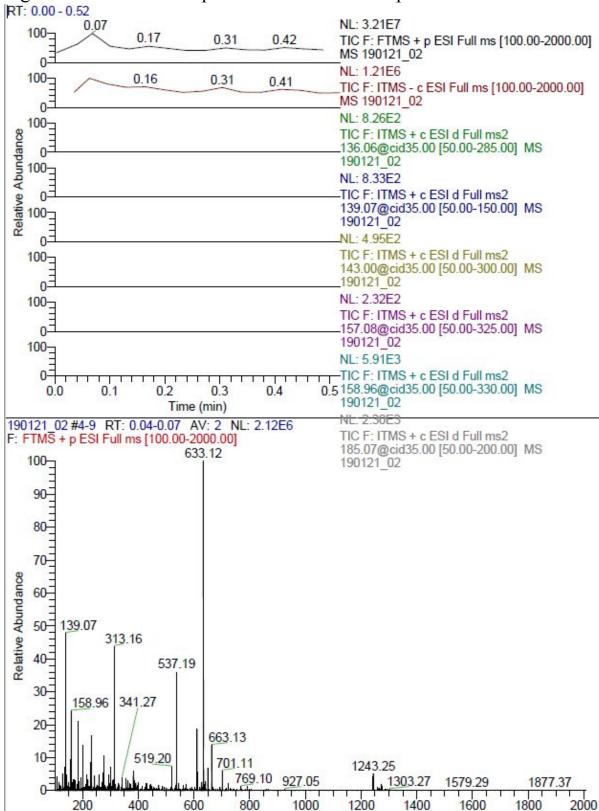


Figure S35. HRESIMS spectrum of the new compound 5

Figure S36. HRESIMS data of the new compound 5

m/z	Theo. Mass	Delta (ppm)	RDB equiv.	Composition
633.1214	633.1215	-0.19	23.0	C 29 H 20 O 9 N 7 Na
	633.1215	-0.20	17.5	C 30 H 26 O 14 Na
	633.1212	0.24	21.5	C28 H21 O12 N6
	633.1225	-1.87	26.5	C29 H17 O8 N10
	633.1225	-1.88	21.0	C 30 H 23 O 13 N 3
	633.1201	1.92	18.0	C28 H24 O13 N3 Na
	633.1201	1.93	23.5	C27 H18 O8 N10 Na
	633.1199	2.36	22.0	C26 H19 O11 N9
	633.1188	4.04	18.5	C26 H22 O12 N6 Na
	633.1185	4.48	17.0	C25 H23 O15 N5