SUPPORT INFORMATION: Part 1 (NMR spectra of synthetic compounds)

Liposomes of α,ε-N,N'-di-stearoyl lysine-derived amide lipid and phospholipid: Incorporation of lipid A-ligand for bacterial targeting and sialic acid as PEGylation alternative for phagocytosis resistance

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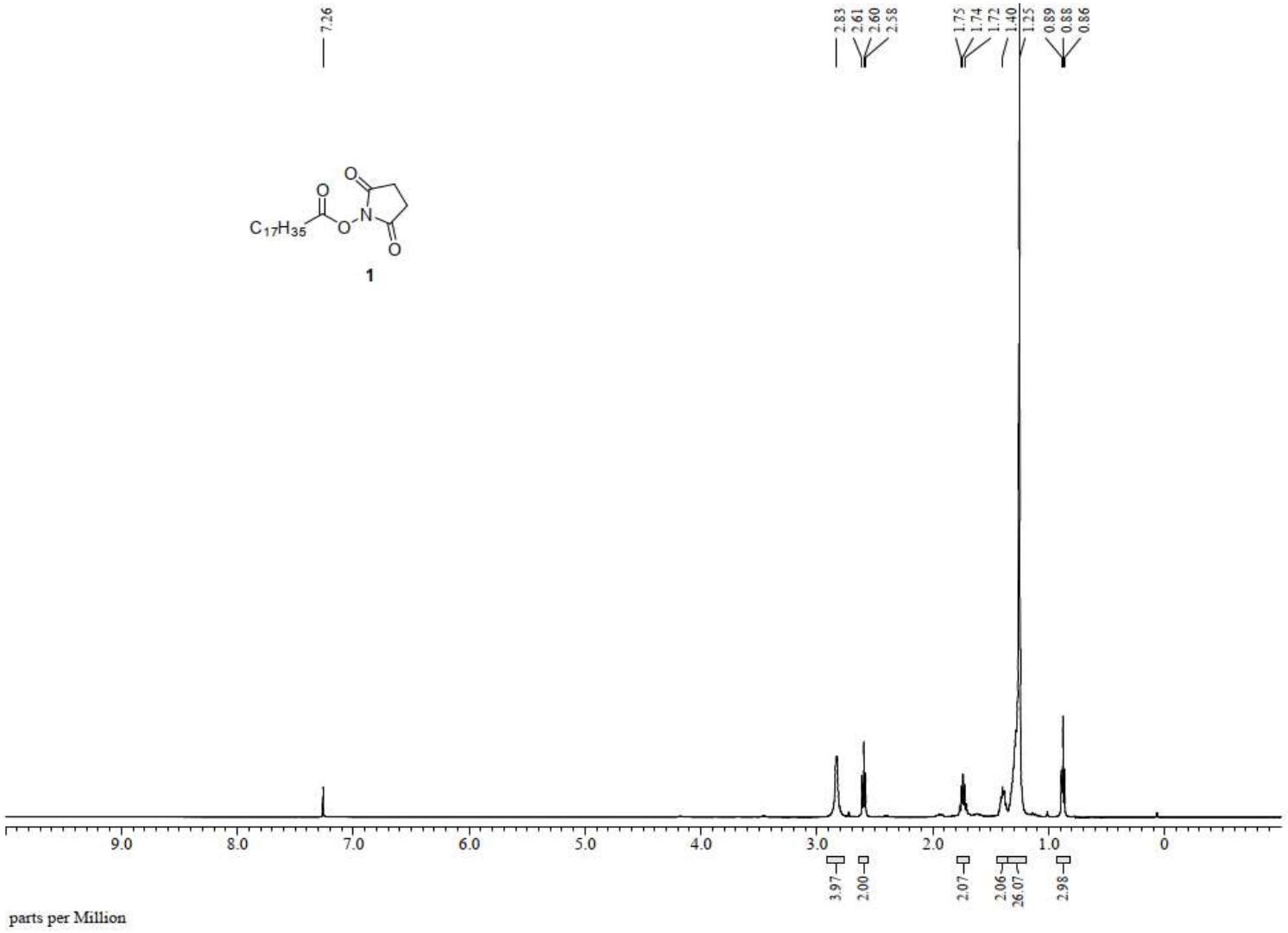
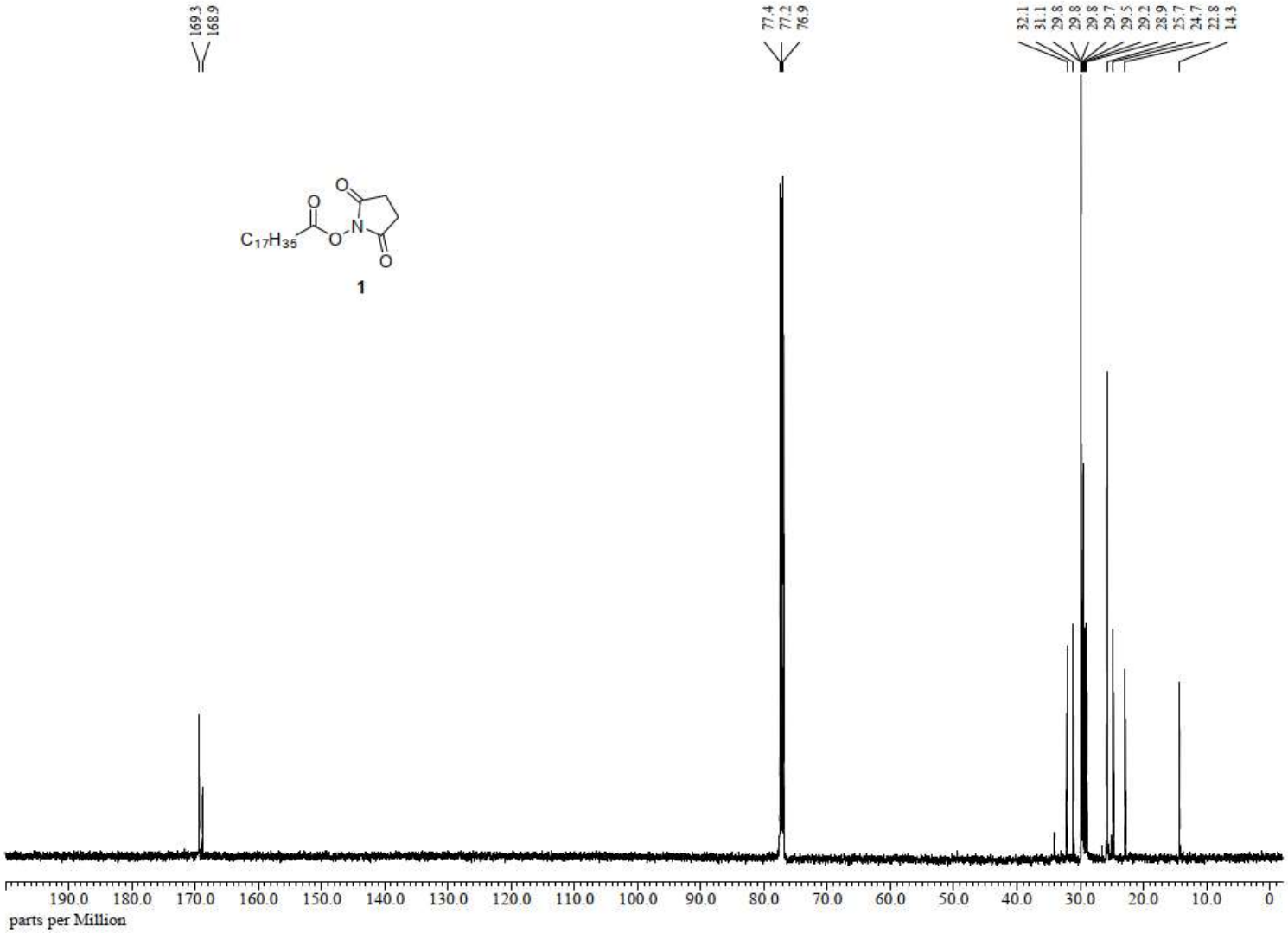
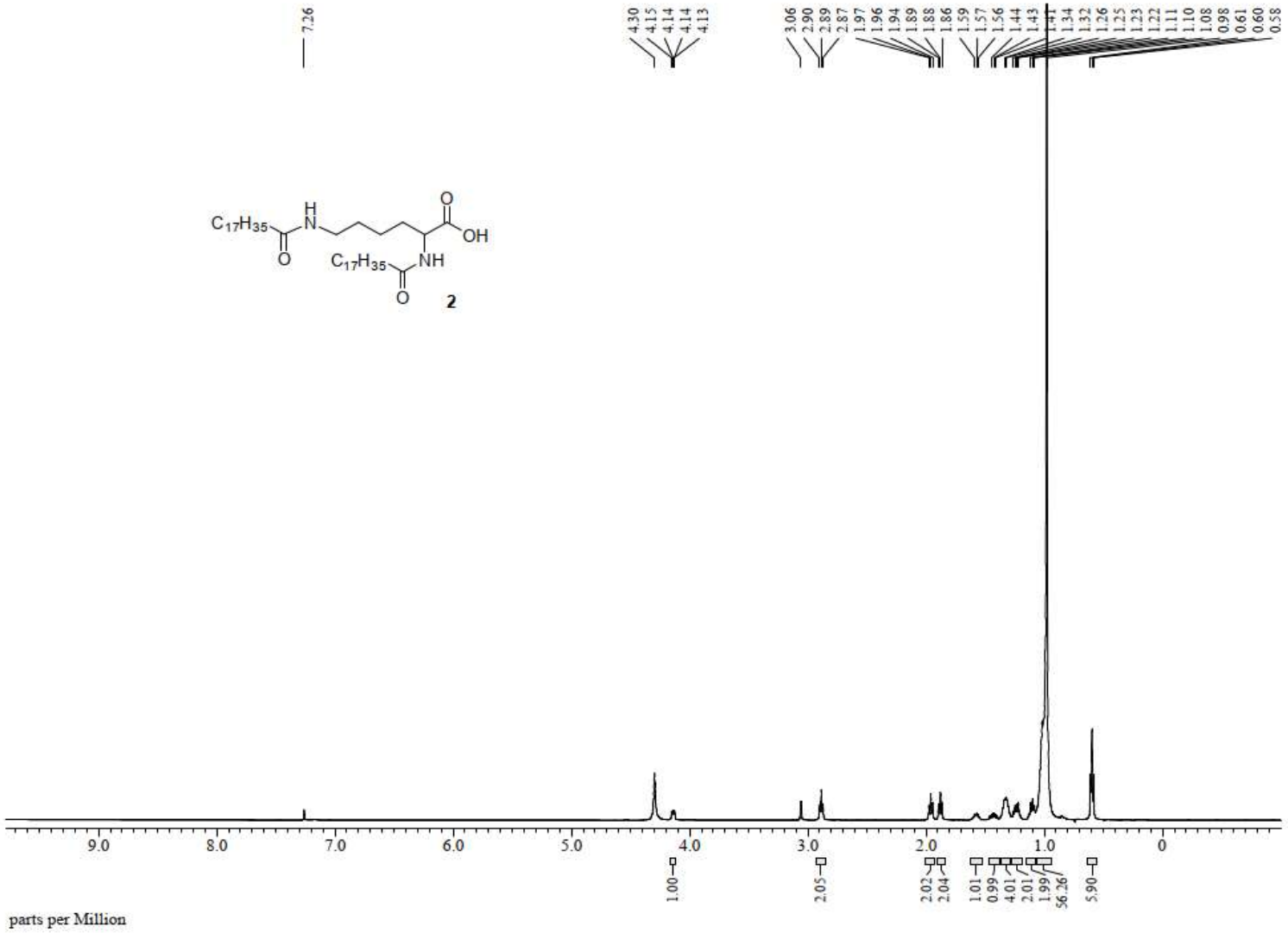
^{1}H NMR spectrum (500 MHz, $CDCl_3$) of compound **1**



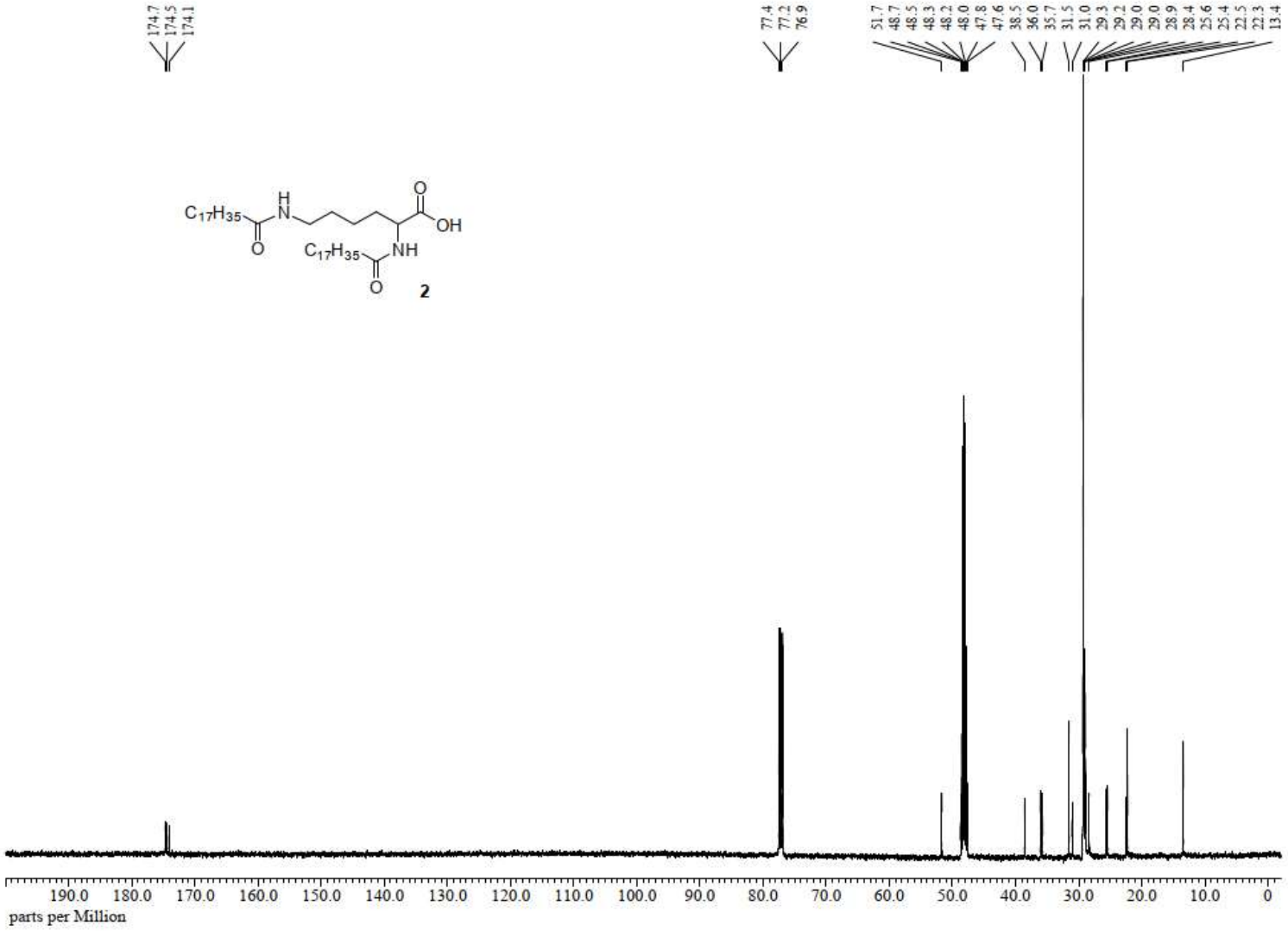
$^{13}C\{^{1}H\}$ NMR spectrum (125 MHz, $CDCl_3$) of compound **1**



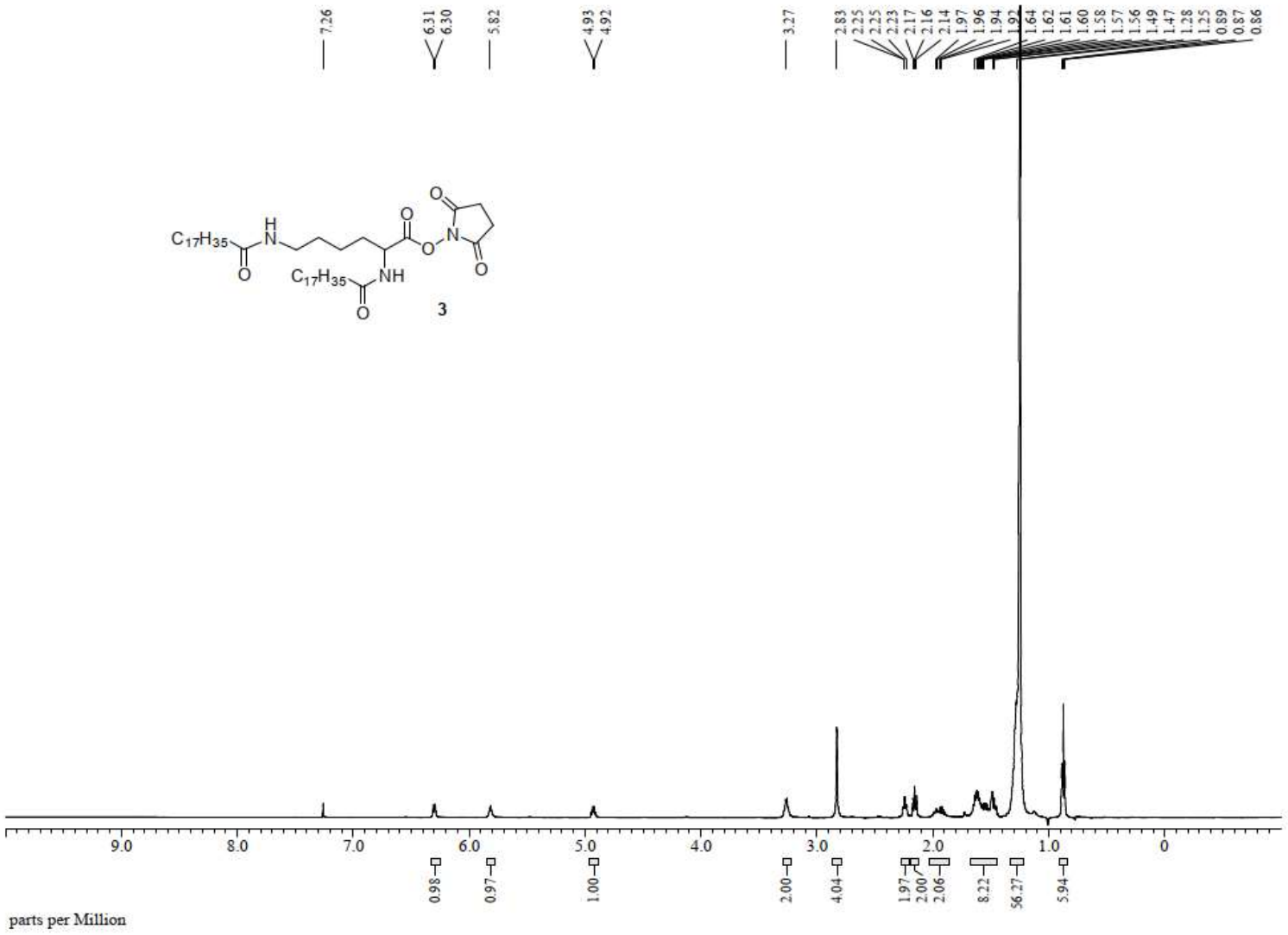
^{1}H NMR spectrum (500 MHz, 4:3 $CDCl_3$:CD_3OD) of compound **2**



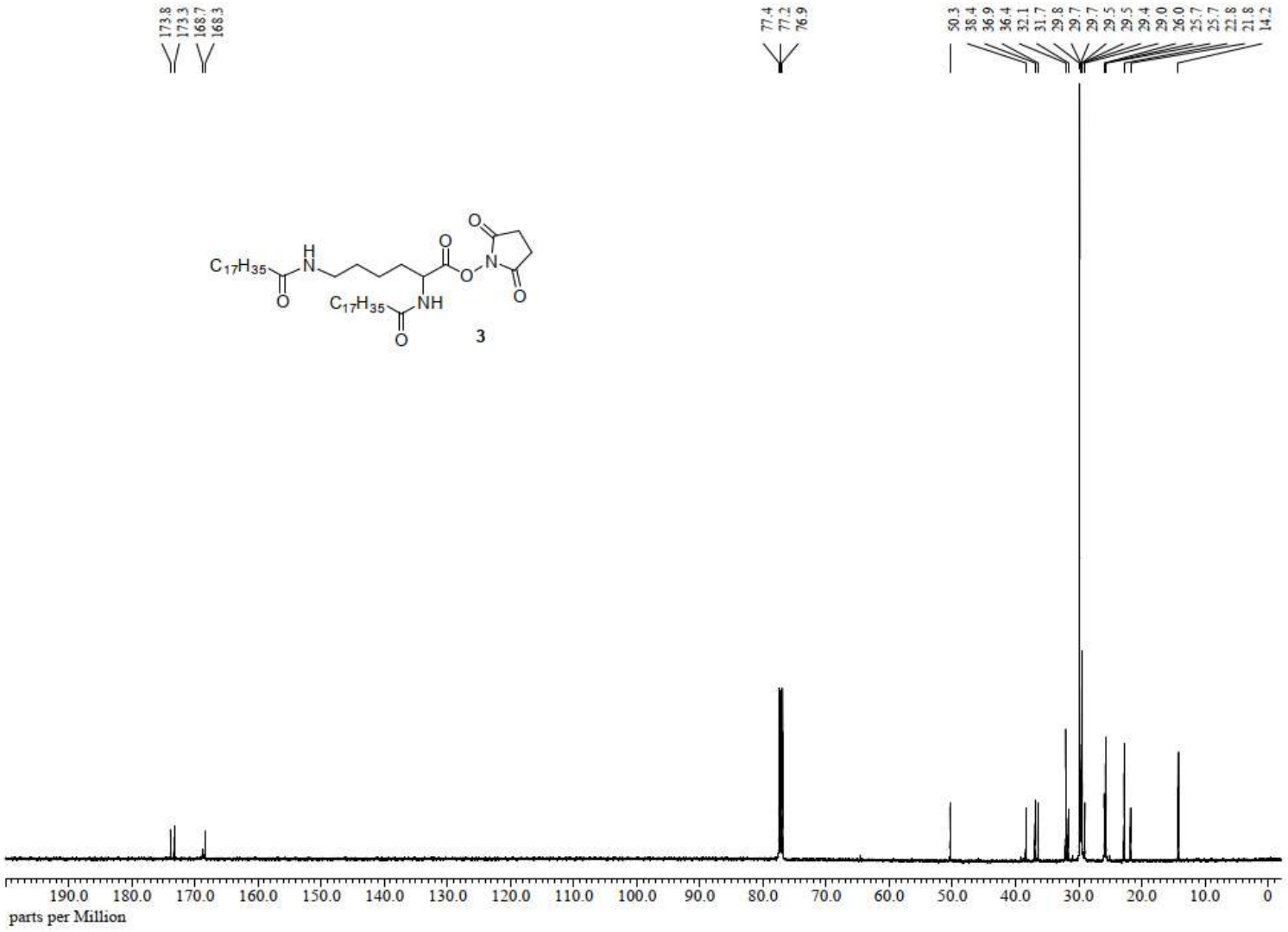
$^{13}C\{^{1}H\}$ NMR spectrum (125 MHz, 4:3 $CDCl_3$:CD_3OD) of compound **2**



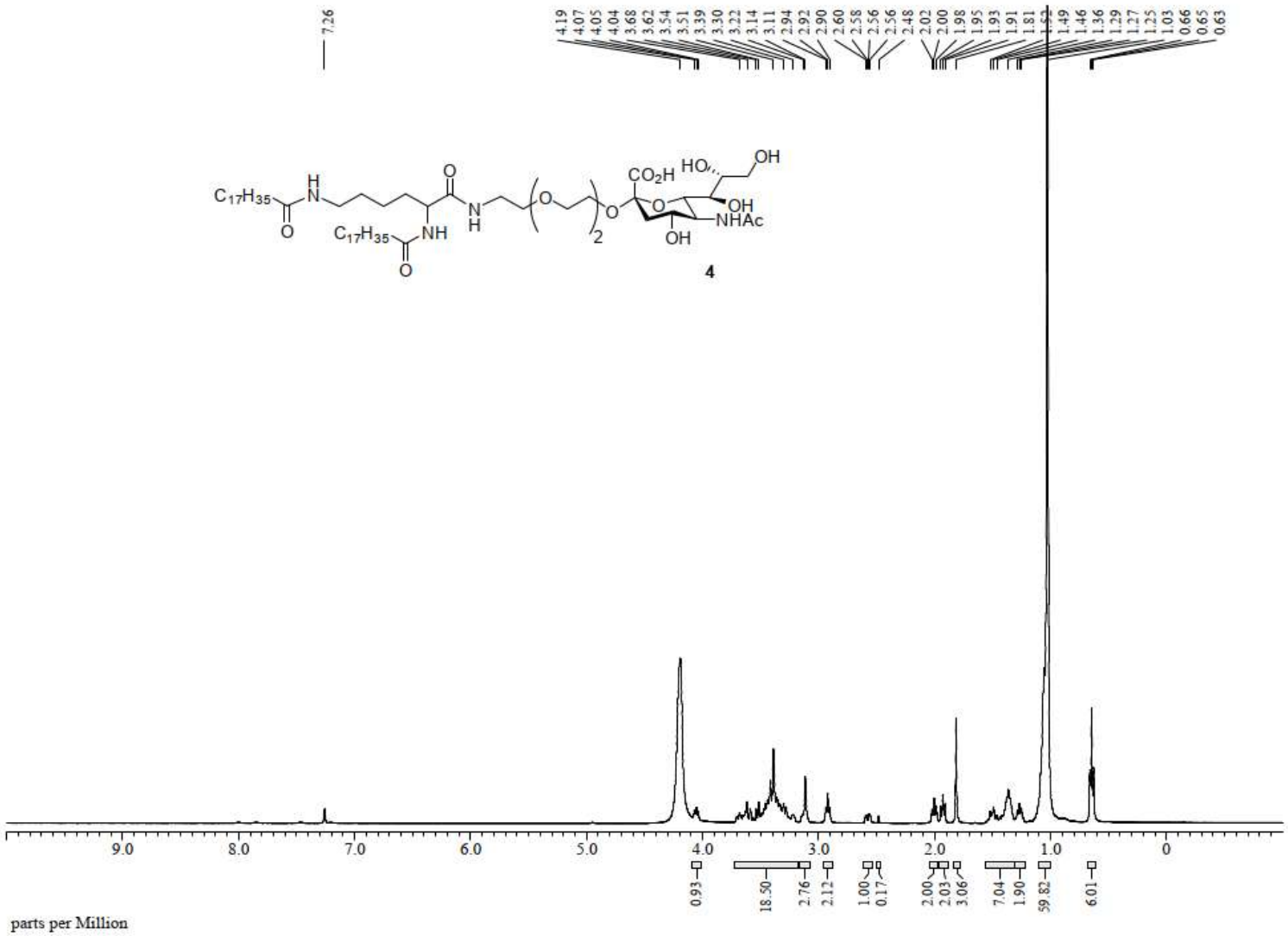
^{1}H NMR spectrum (500 MHz, $CDCl_3$, 35°C) of compound **3**



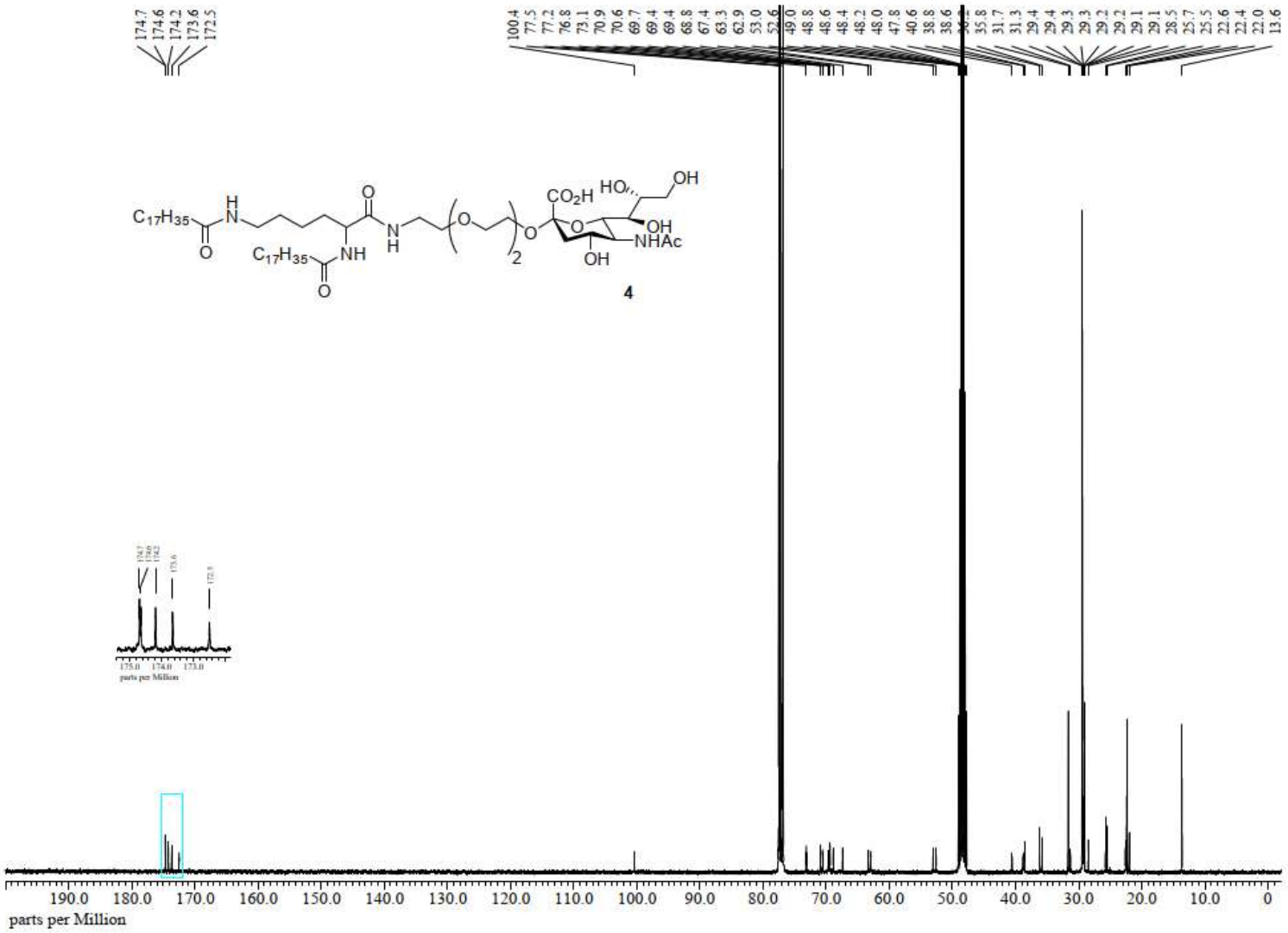
$^{13}C\{^{1}H\}$ NMR spectrum (125 MHz, $CDCl_3$, 35°C) of compound **3**



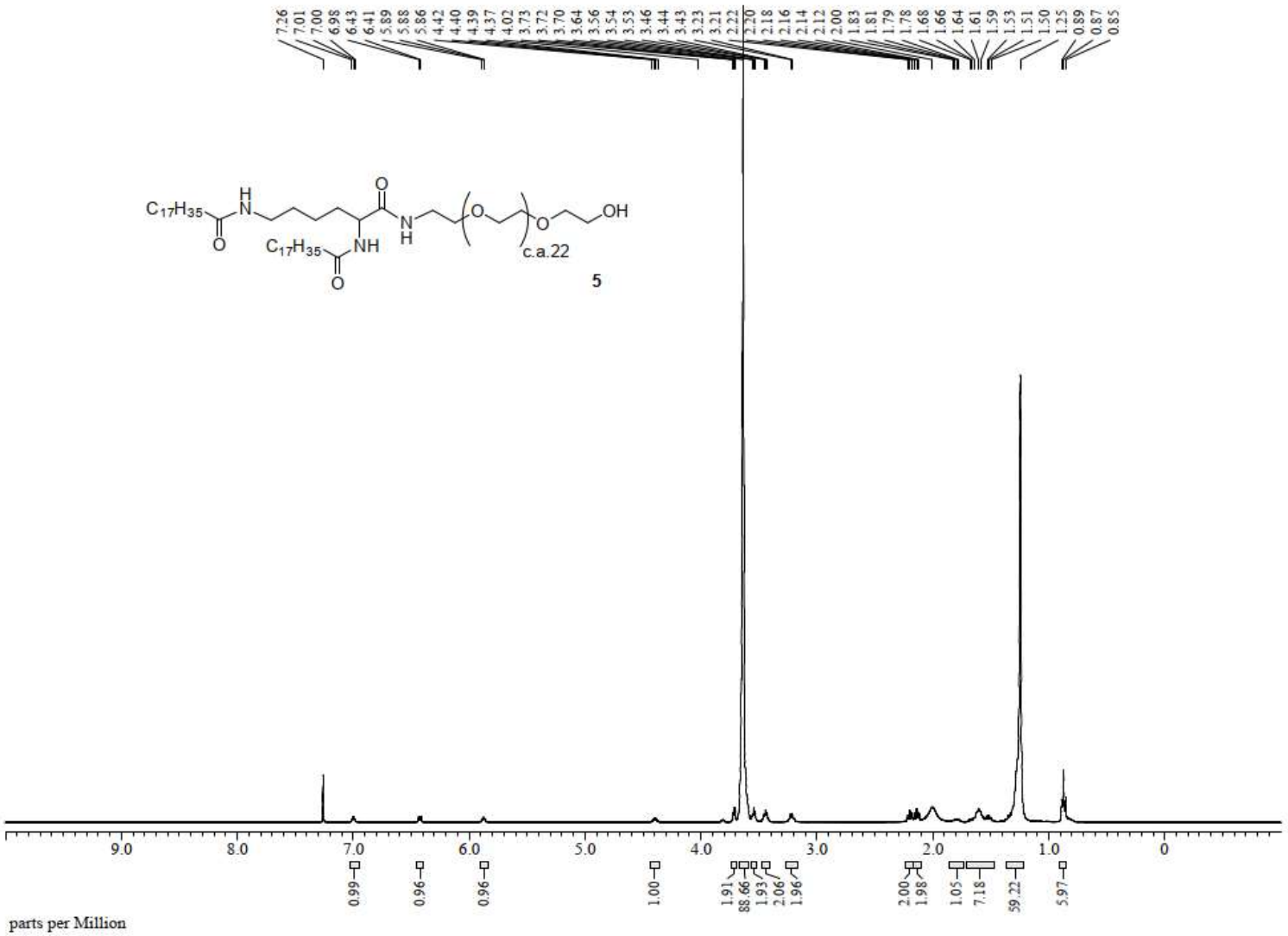
^{1}H NMR spectrum (400 MHz, 2:1 $CDCl_3$:CD_3OD) of compound **4**



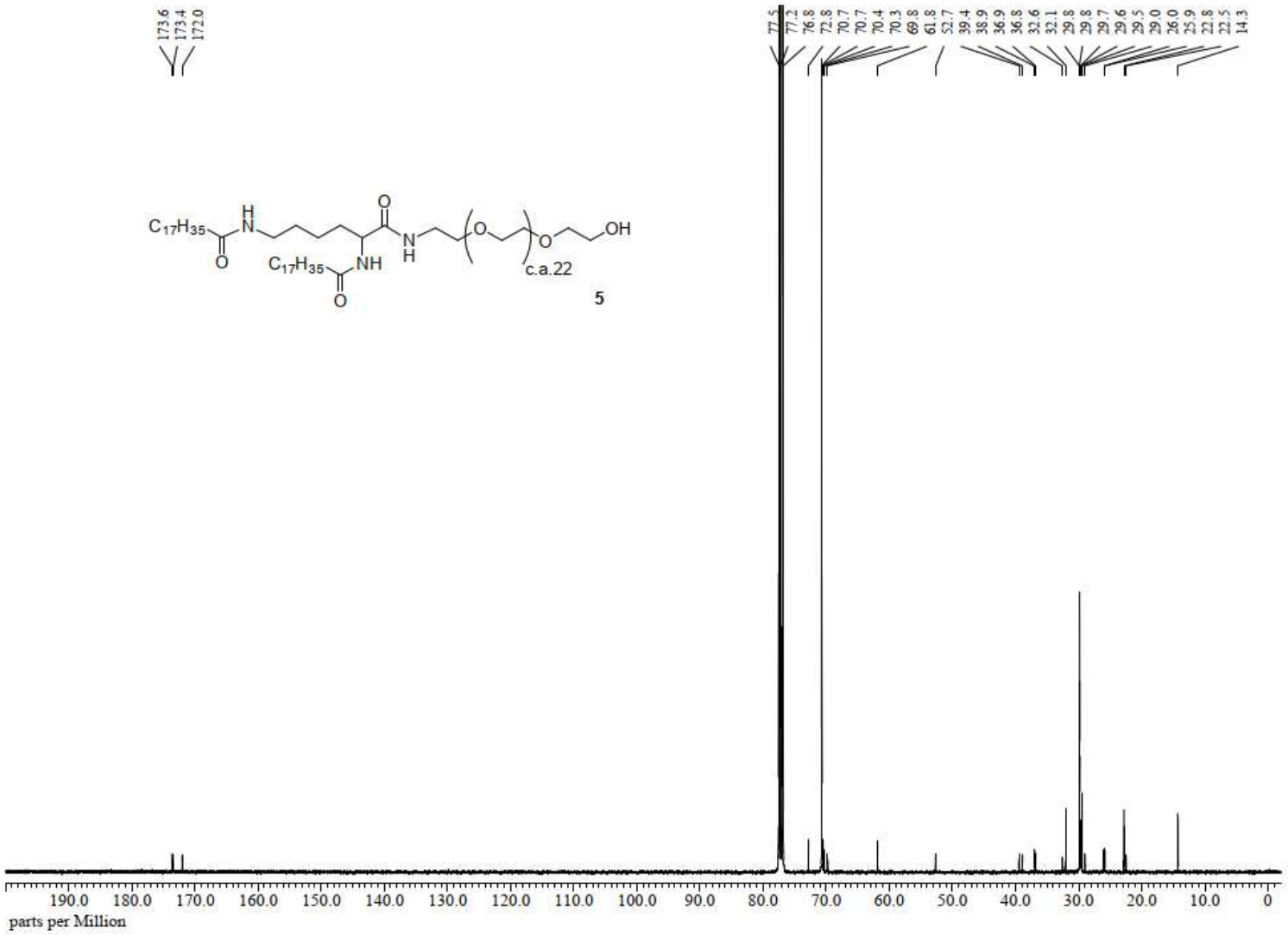
$^{13}C\{^{1}H\}$ NMR spectrum (101 MHz, 2:1 $CDCl_3$:CD_3OD) of compound **4**



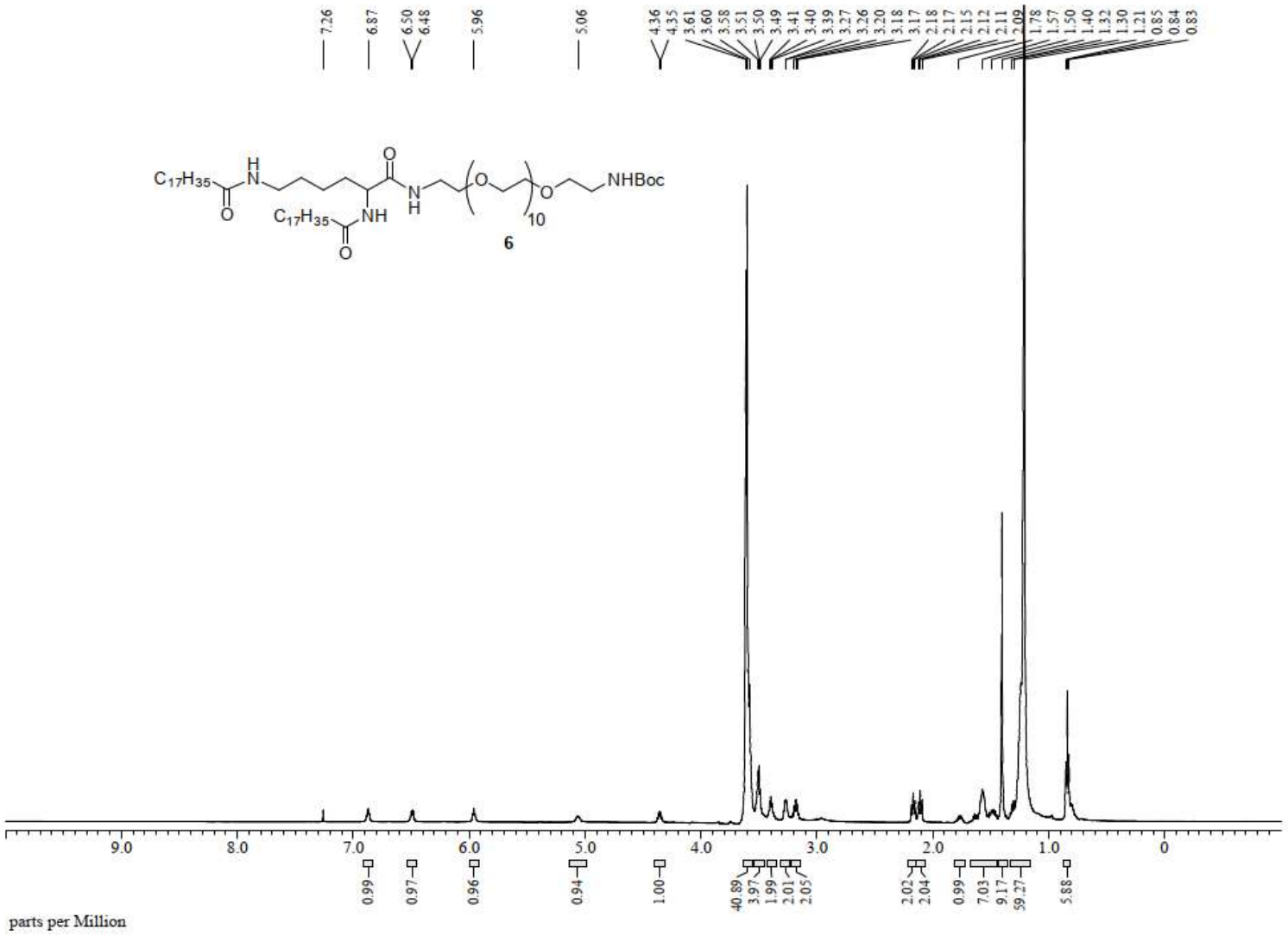
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **5**



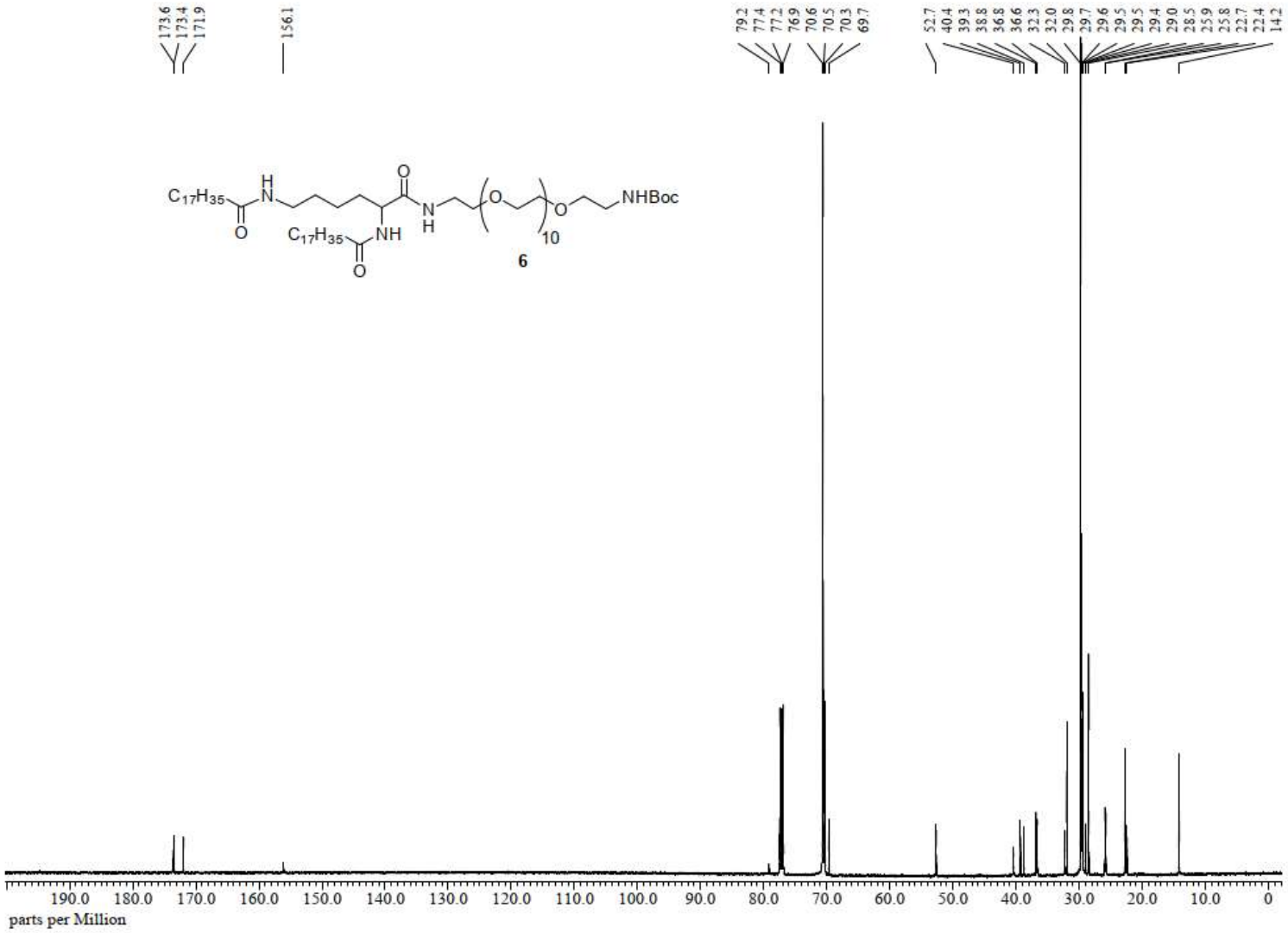
$^{13}C\{^{1}H\}$ NMR spectrum (101 MHz, $CDCl_3$) of compound **5**



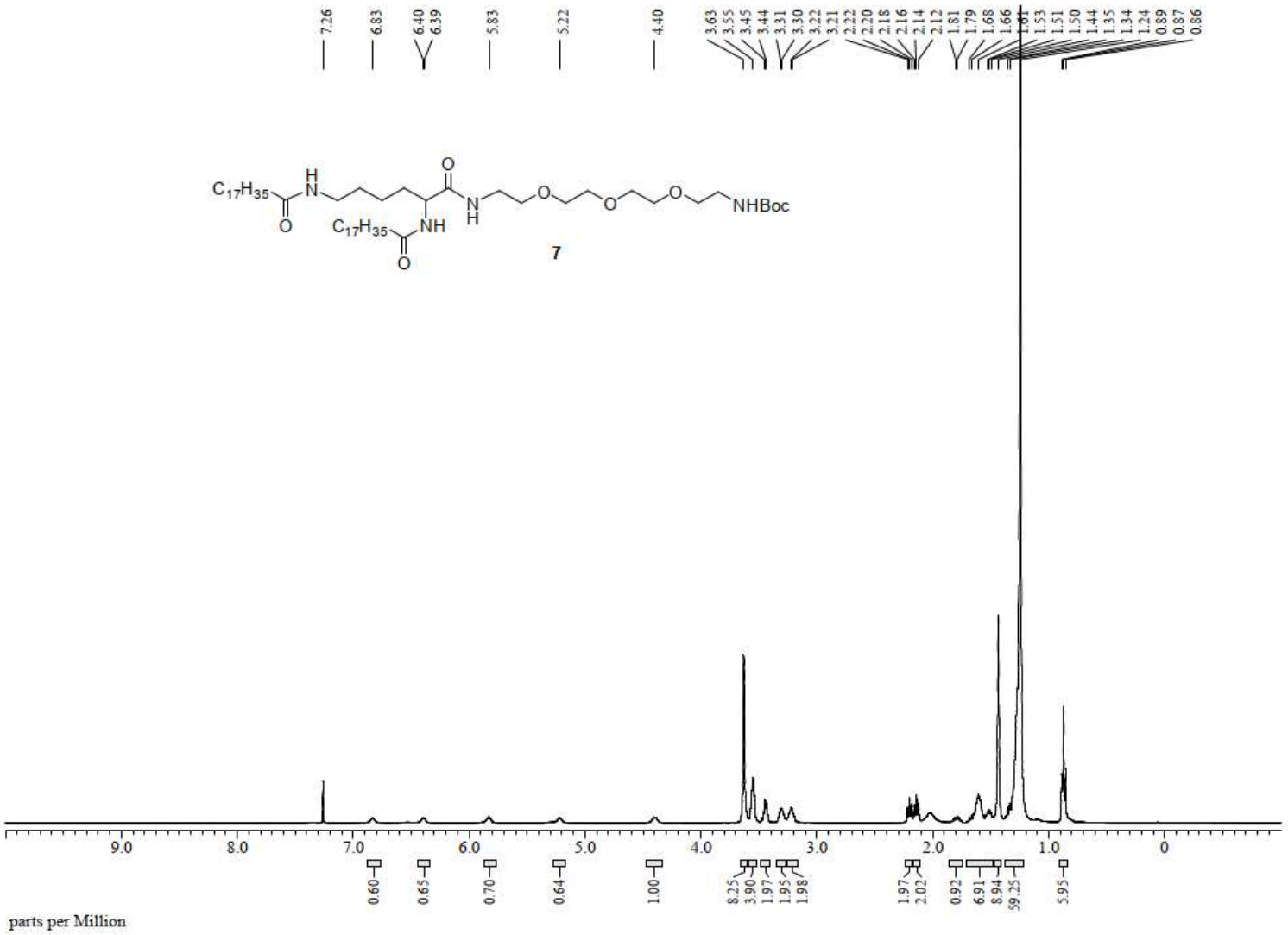
^{1}H NMR spectrum (500 MHz, $CDCl_3$) of compound **6**



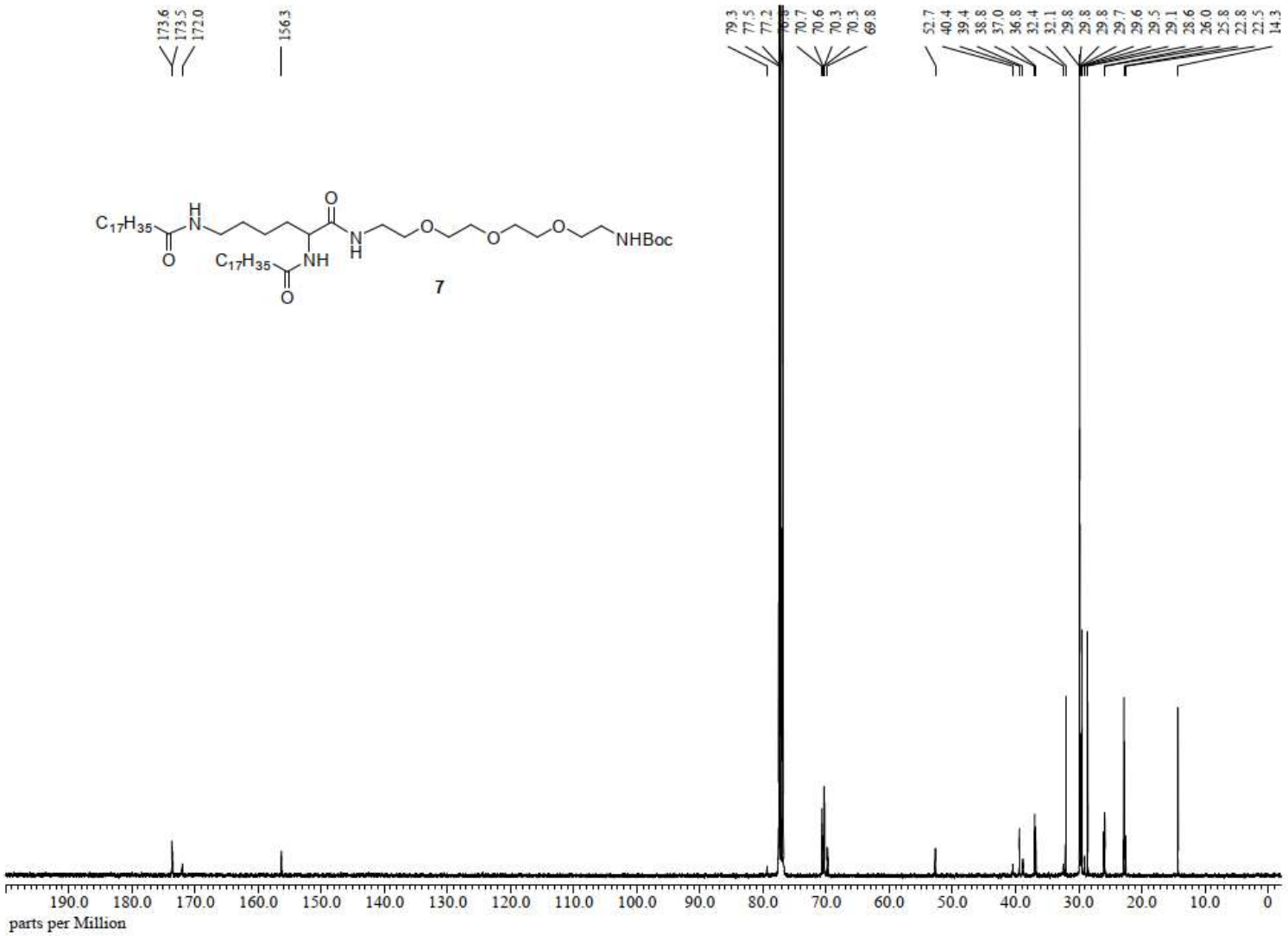
$^{13}C\{^{1}H\}$ NMR spectrum (125 MHz, $CDCl_3$) of compound **6**



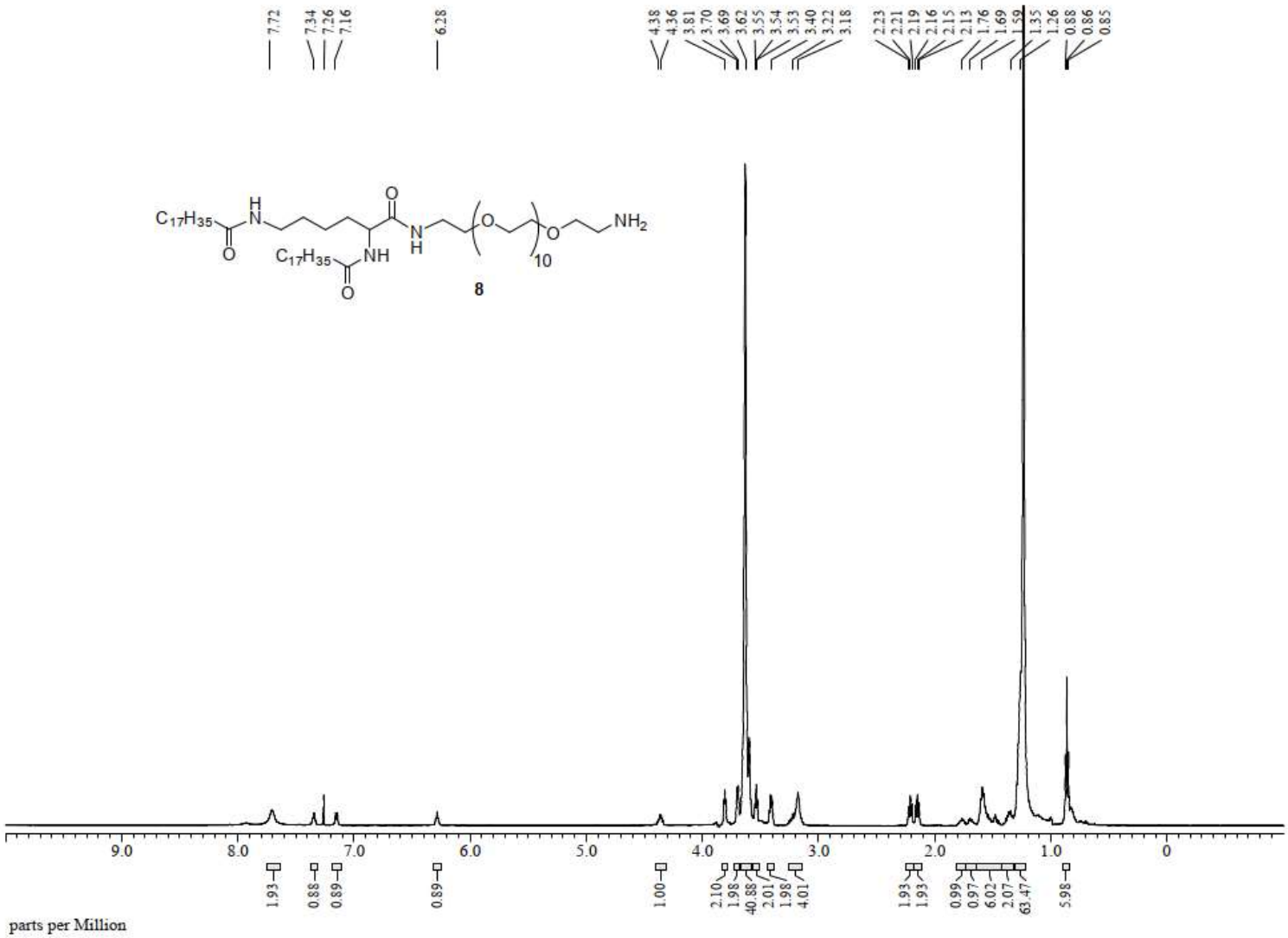
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **7**



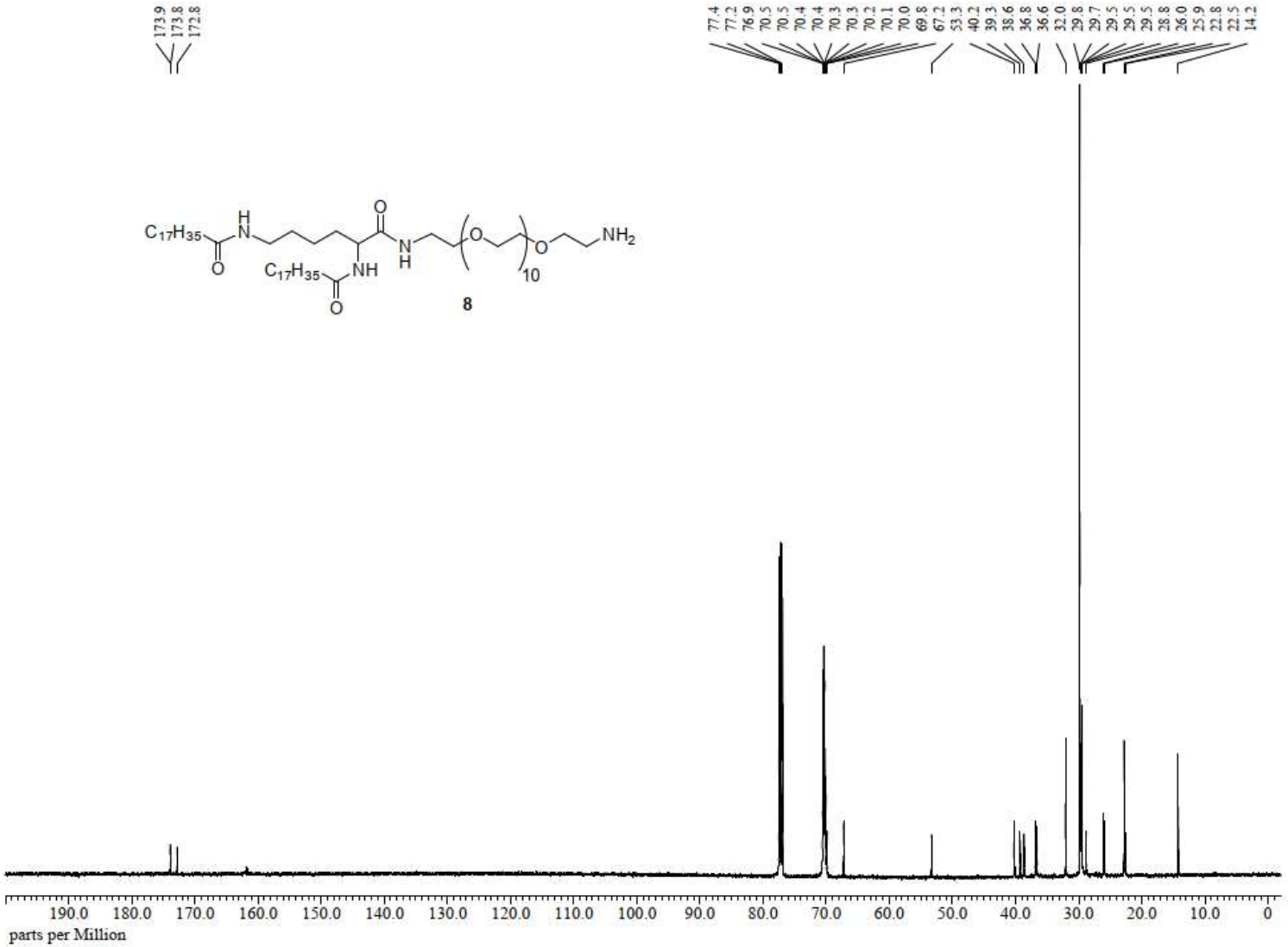
$^{13}C\{^{1}H\}$ NMR spectrum (101 MHz, $CDCl_3$) of compound **7**



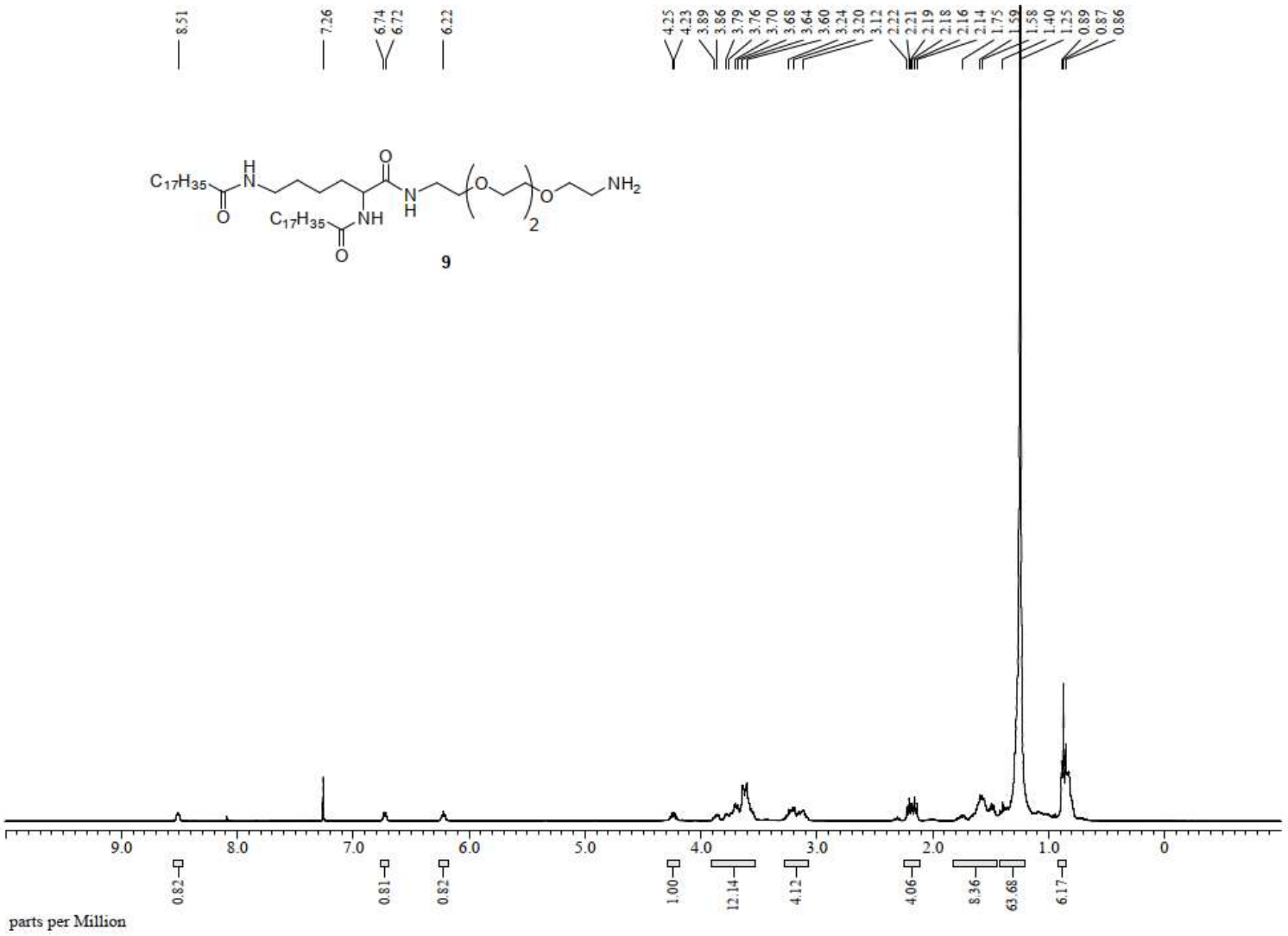
^{1}H NMR spectrum (500 MHz, $CDCl_3$) of compound **8**



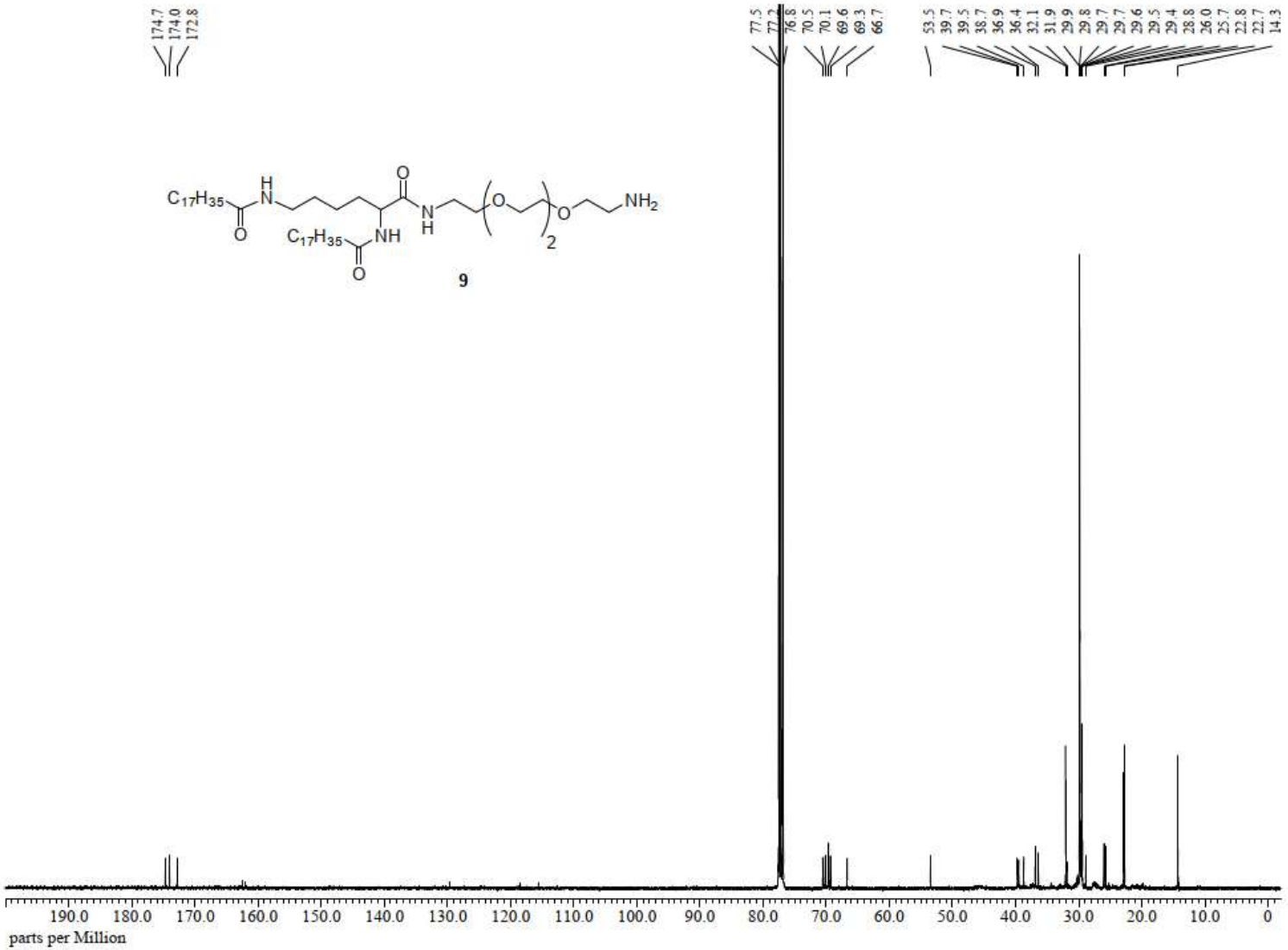
$^{13}C\{^{1}H\}$ NMR spectrum (125 MHz, $CDCl_3$) of compound **8**



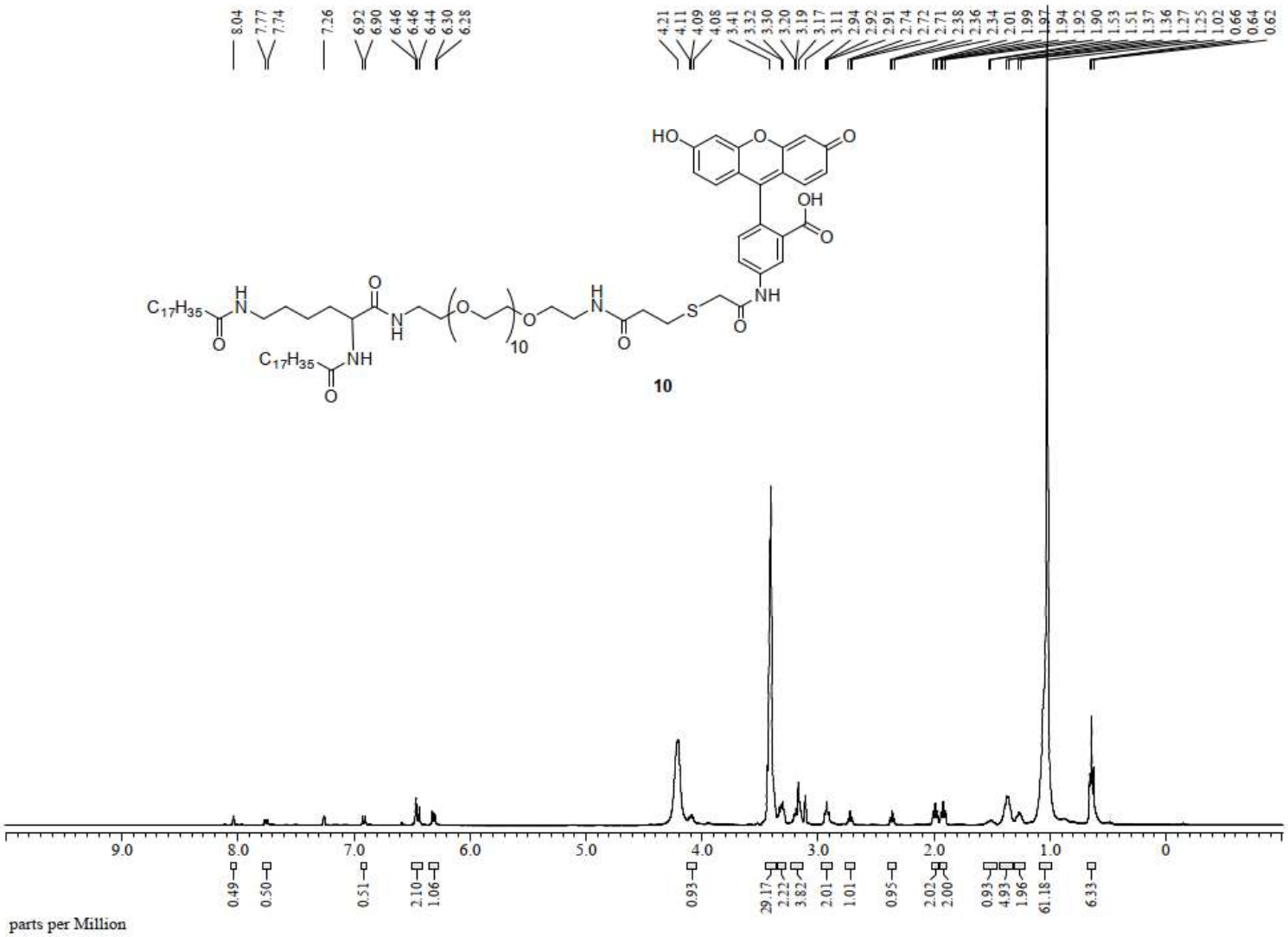
^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **9**



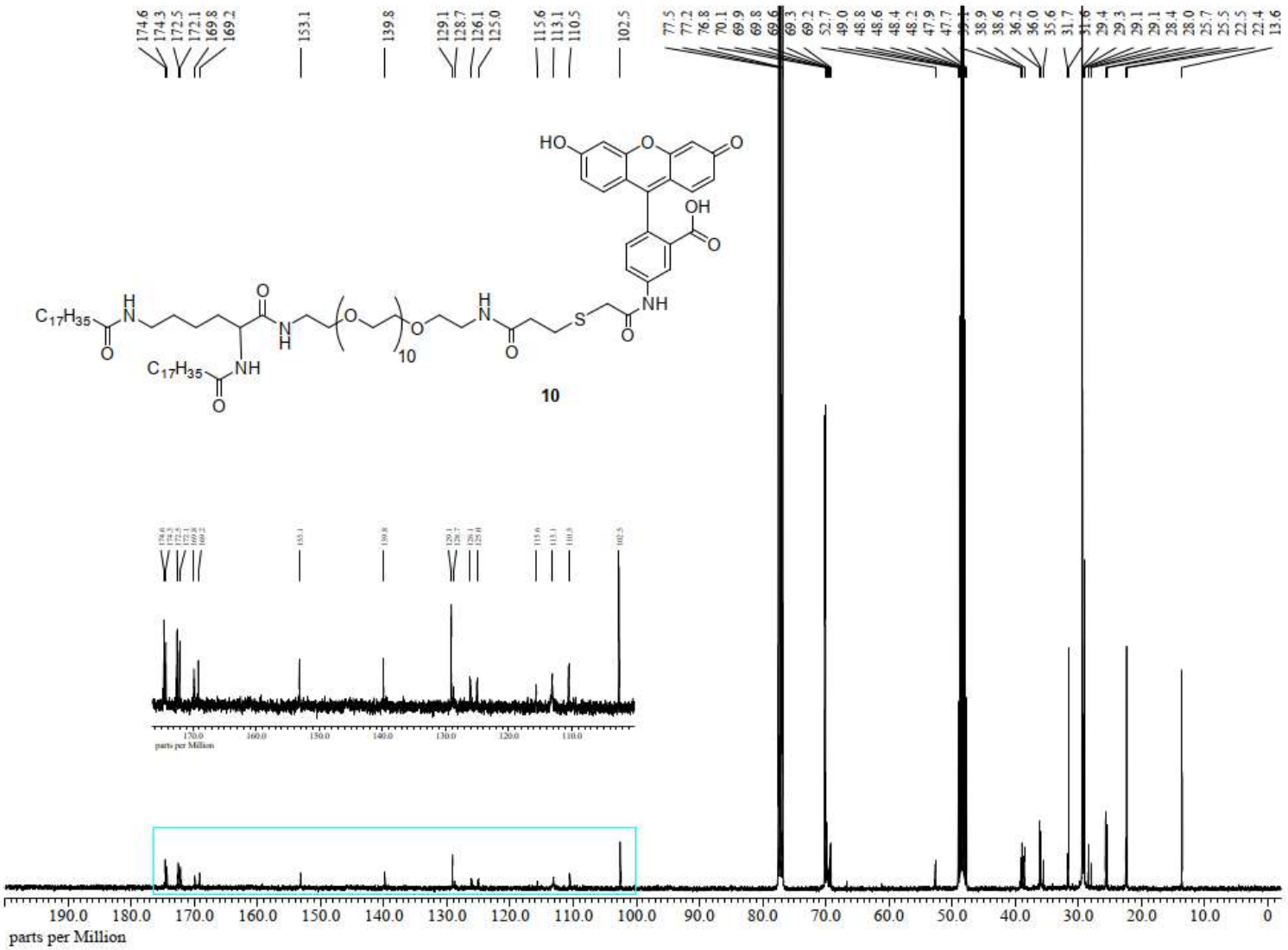
$^{13}C\{^{1}H\}$ NMR spectrum (101 MHz, $CDCl_3$) of compound **9**



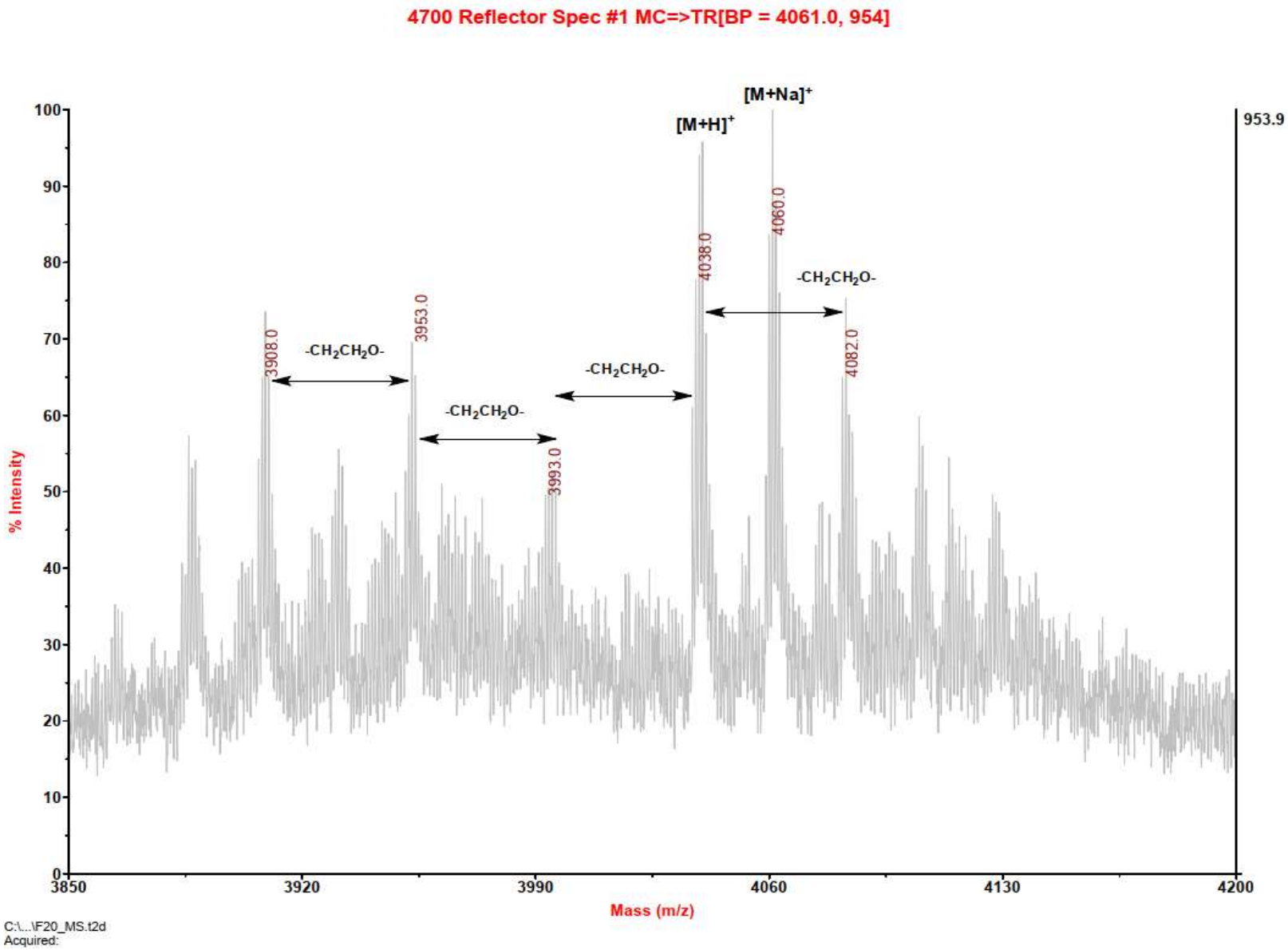
^{1}H NMR spectrum (400 MHz, 2:1 $CDCl_3$:CD_3OD) of compound **10**



$^{13}C\{^{1}H\}$ NMR spectrum (101 MHz, 2:1 $CDCl_3$:CD_3OD) of compound **10**



MALDI spectrum of compound **11**



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Trace: 4700 Reflector Spec #1 MC=>TR[BP = 4061.0, 954]

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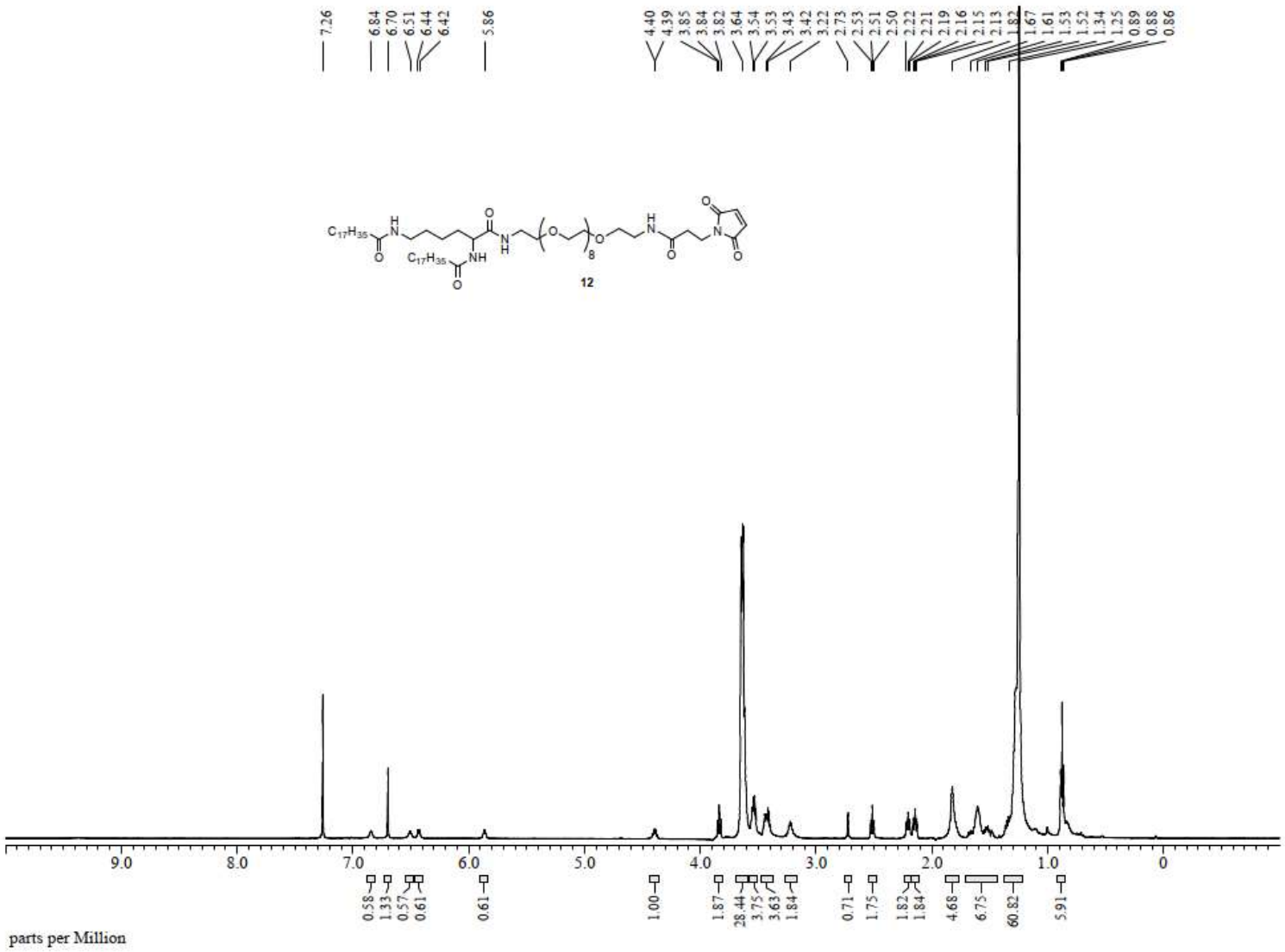
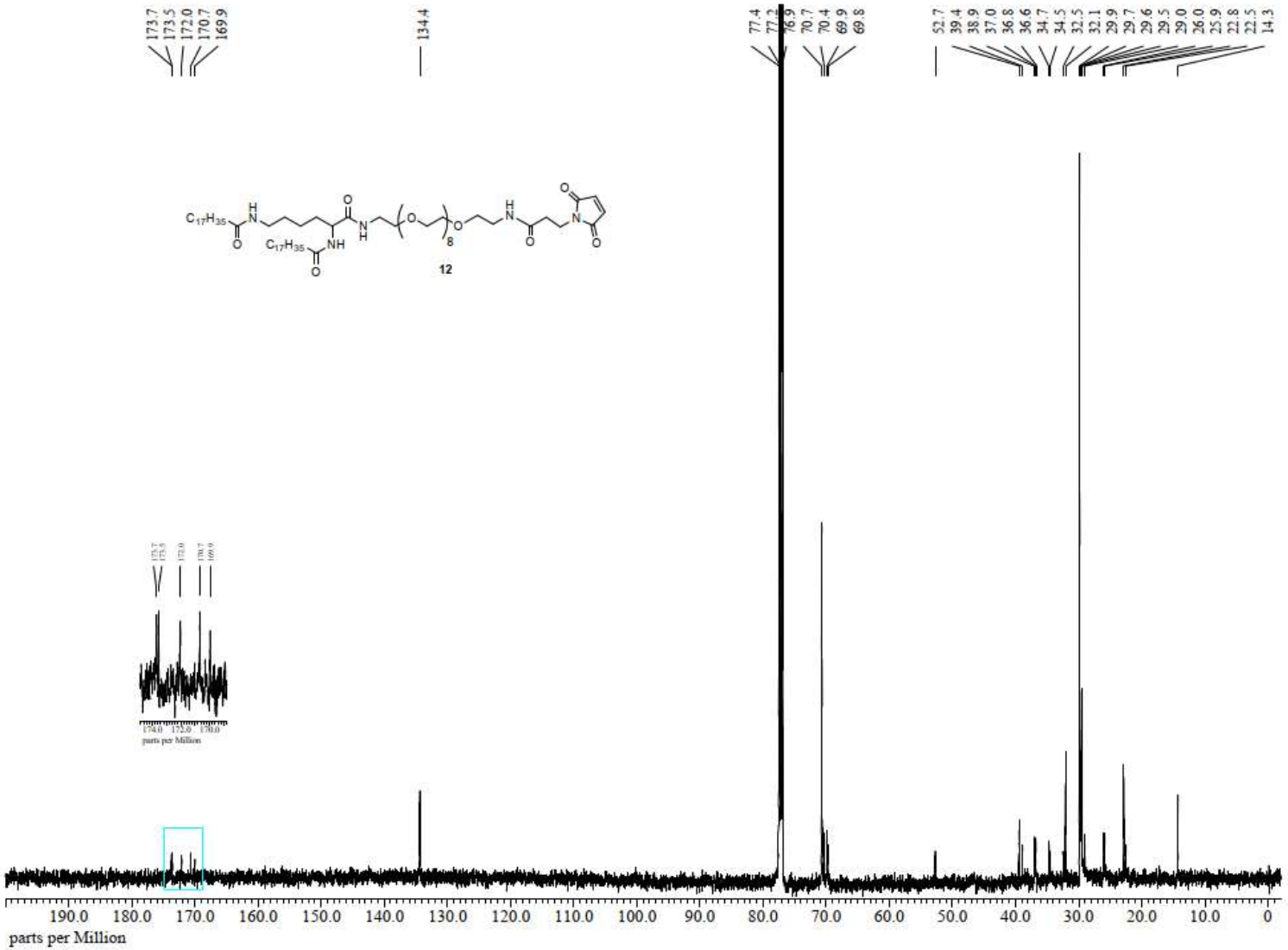
2	3906.94751	3906.56	3907.53	1	507	53.15	2963.22	43.48	11082.31	18145.47
3	3930.99292	3930.61	3931.62	1	516	54.12	2894.64	23.99	9847.92	5965.64
4	3950.94434	3950.58	3951.47	1	503	52.71	2732.94	37.33	11412.60	13955.40
5	3961.91602	3961.40	3962.53	1	475	49.84	3083.24	15.64	12164.92	3076.49
6	3992.96533	3992.59	3993.52	1	471	49.33	3289.38	26.54	11485.38	8534.96
7	4037.00806	4036.50	4037.60	1	550	57.66	3833.99	47.18	11685.93	24268.70
8	4059.02905	4058.47	4059.57	1	489	51.30	4344.42	37.79	9080.17	26333.30
9	4075.93799	4075.65	4076.56	1	471	49.39	2738.79	23.30	11212.25	5866.40
10	4081.97388	4081.56	4082.58	1	611	64.03	5259.56	36.26	8609.56	13354.75
11	4104.95264	4104.52	4105.58	1	558	58.53	3609.50	25.48	12473.21	6659.27
12	4113.91797	4113.41	4114.40	1	484	50.79	2819.24	16.44	13373.50	2684.09

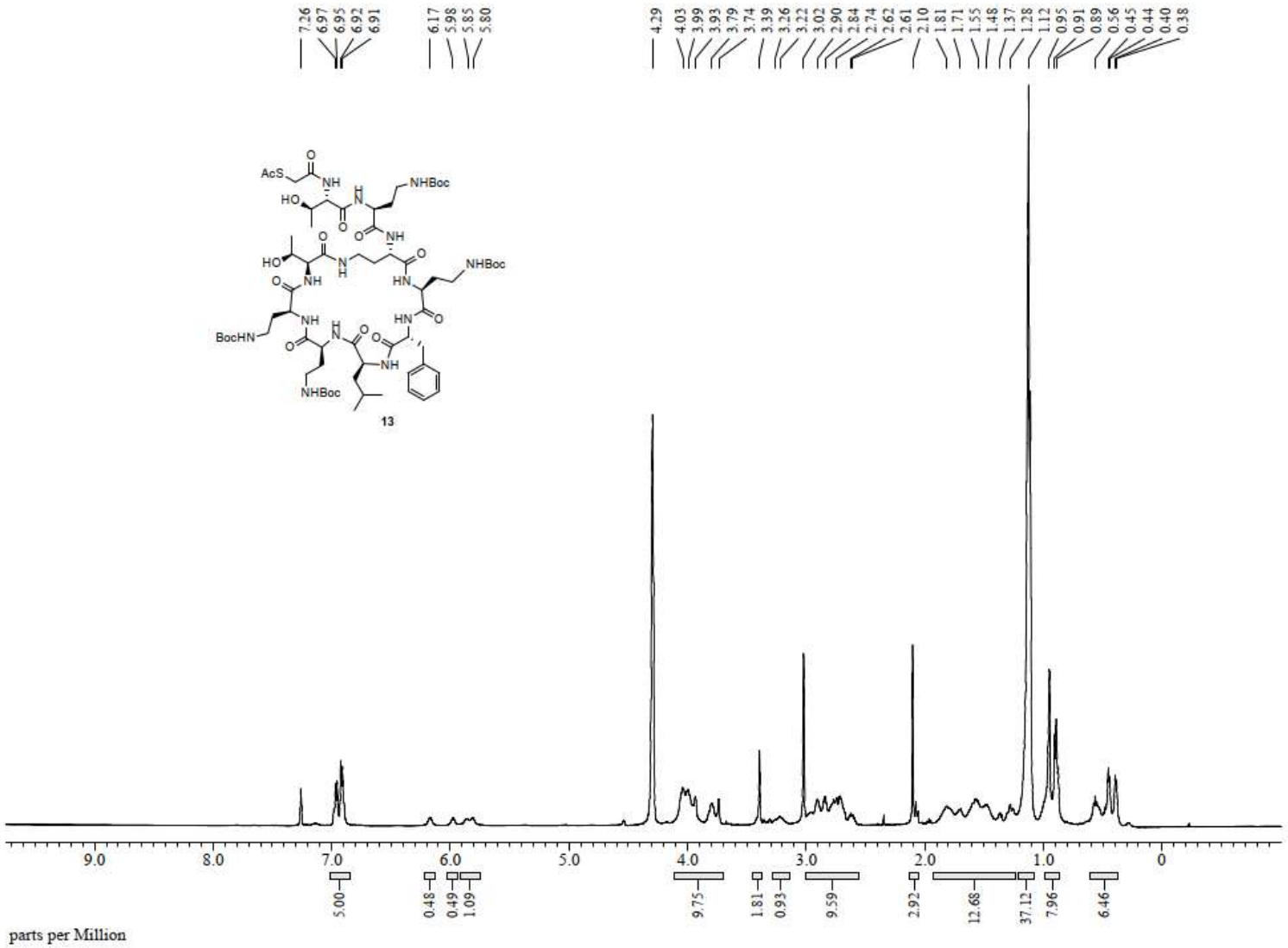
^{1}H NMR spectrum (500 MHz, $CDCl_3$) of compound **12**



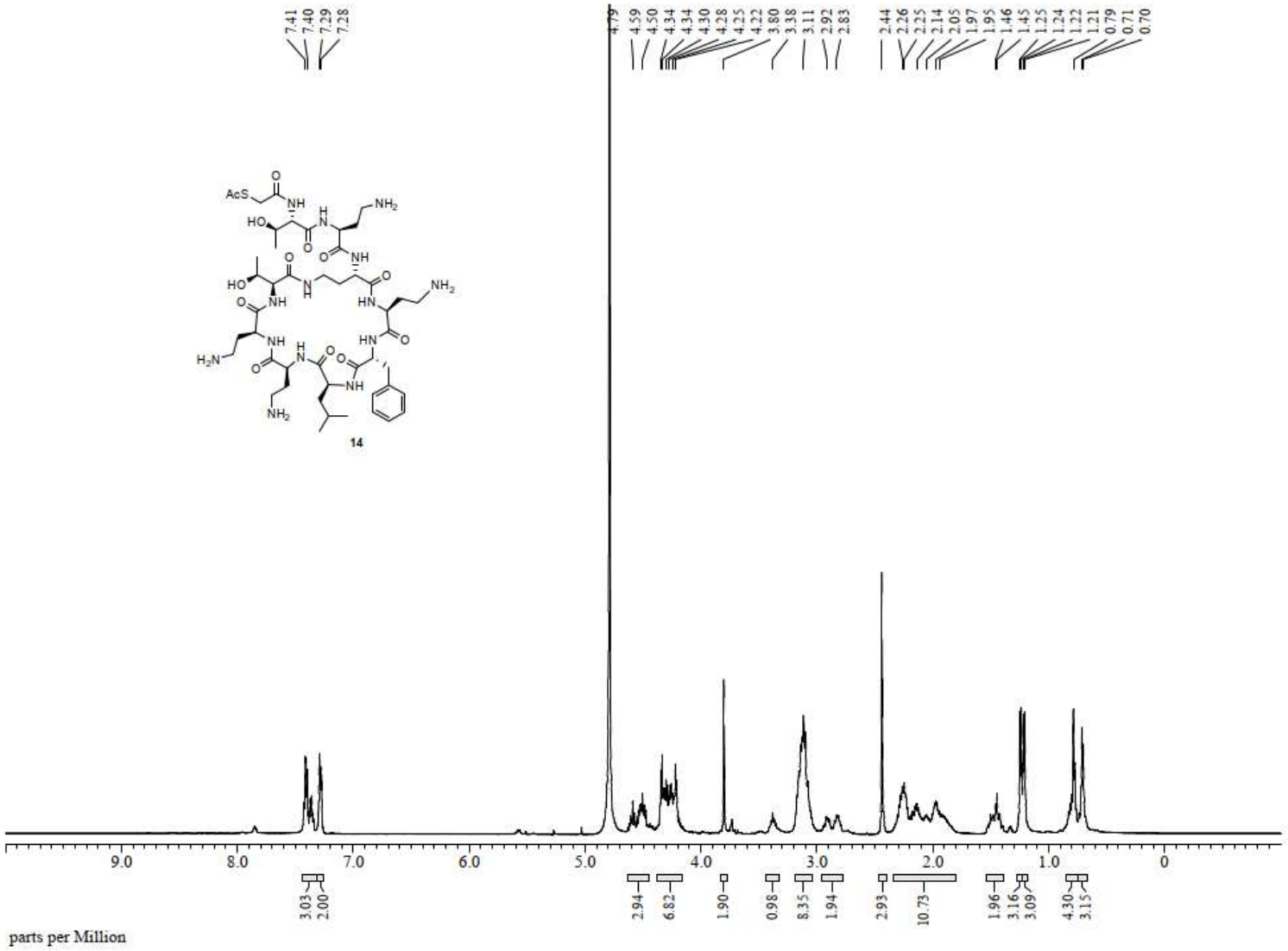
$^{13}C\{^{1}H\}$ NMR spectrum (125 MHz, $CDCl_3$) of compound **12**



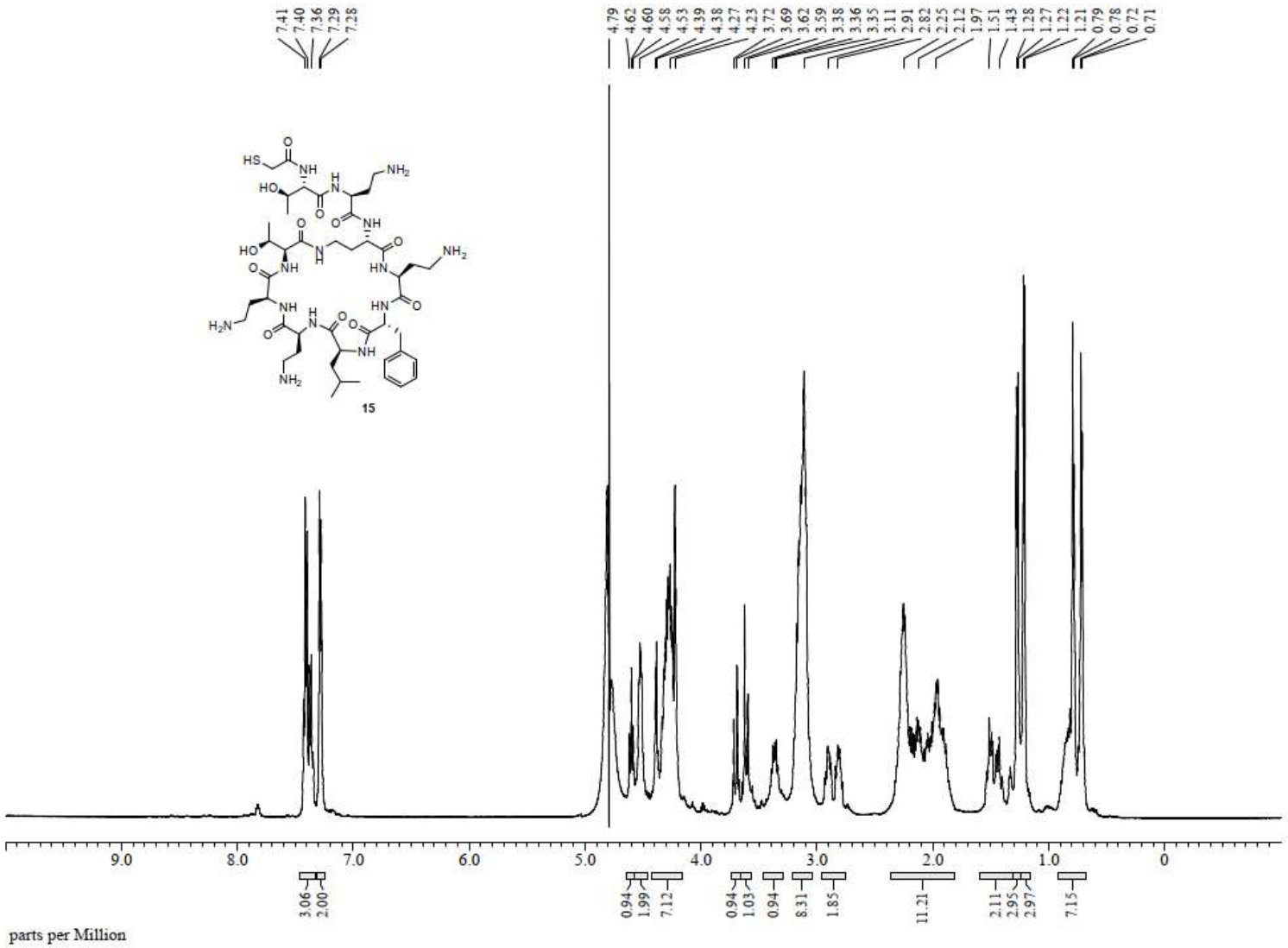
^{1}H NMR spectrum (500 MHz, 1:1 $CDCl_3$:CD_3OD) of compound **13**



^{1}H NMR spectrum (500 MHz, D_2O) of compound **14**



^{1}H NMR spectrum (500 MHz, D_2O) of compound **15**



^{1}H NMR spectrum (400 MHz, 2:1 $CDCl_3$:CD_3OD) of compound **16**