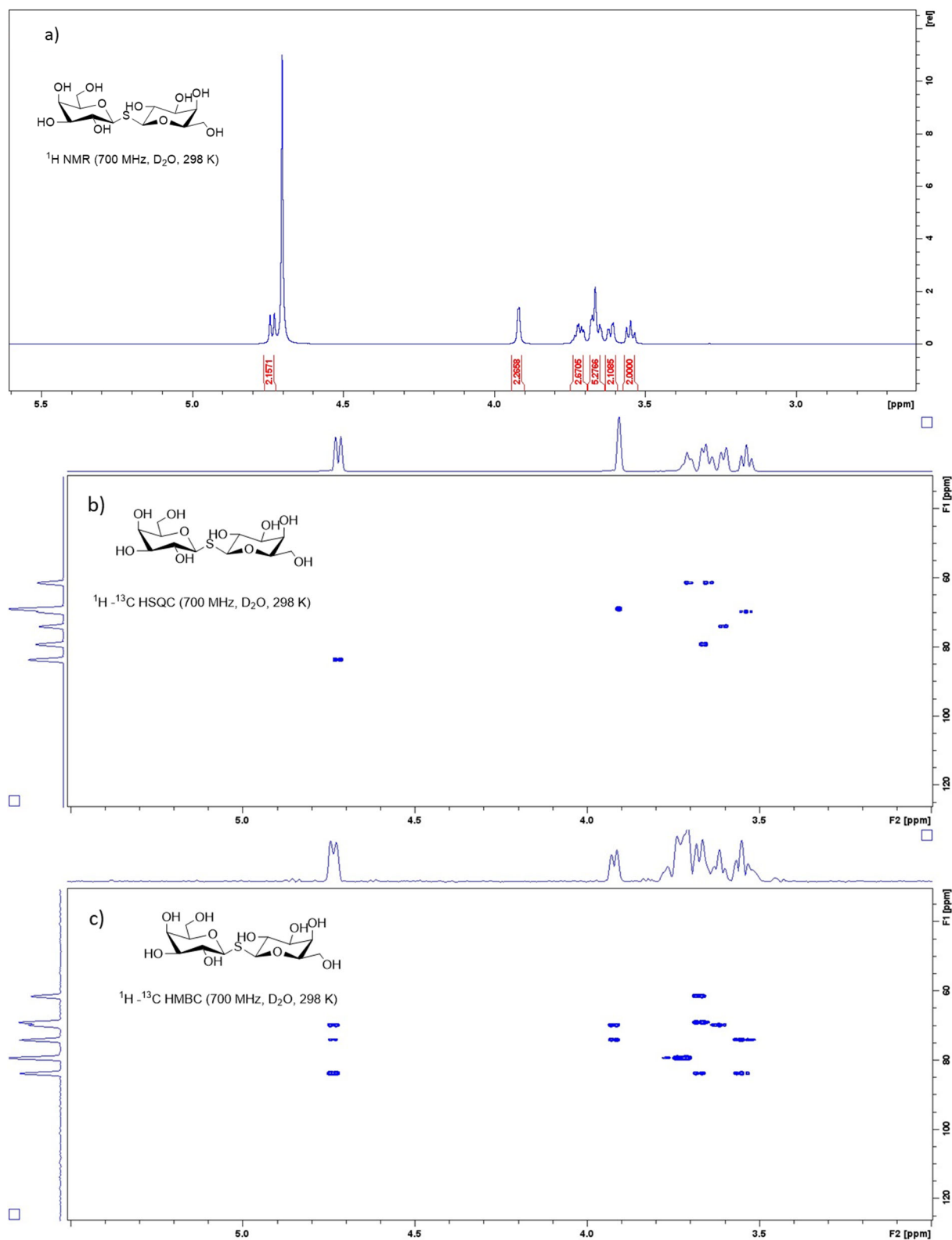


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1D and 2D NMR spectra of synthesised compounds (1) – (5).

Figure S1. ^1H (a), ^1H - ^{13}C HSQC (b), ^1H - ^{13}C HMBC (c), ^1H - ^{13}C HSQC-CLIP-COSY (d) NMR spectra of (5)



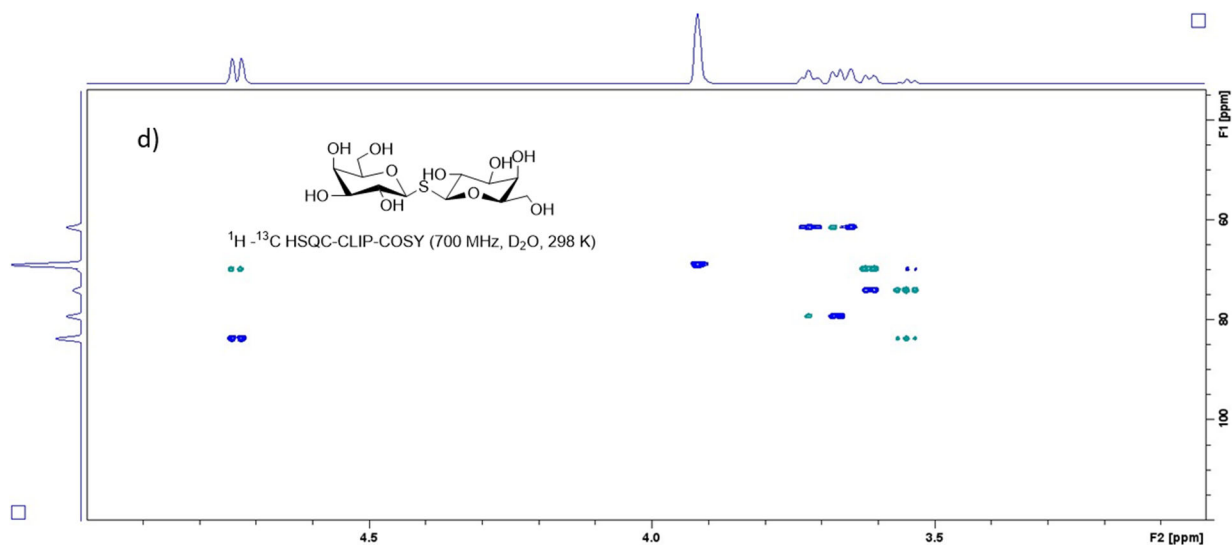
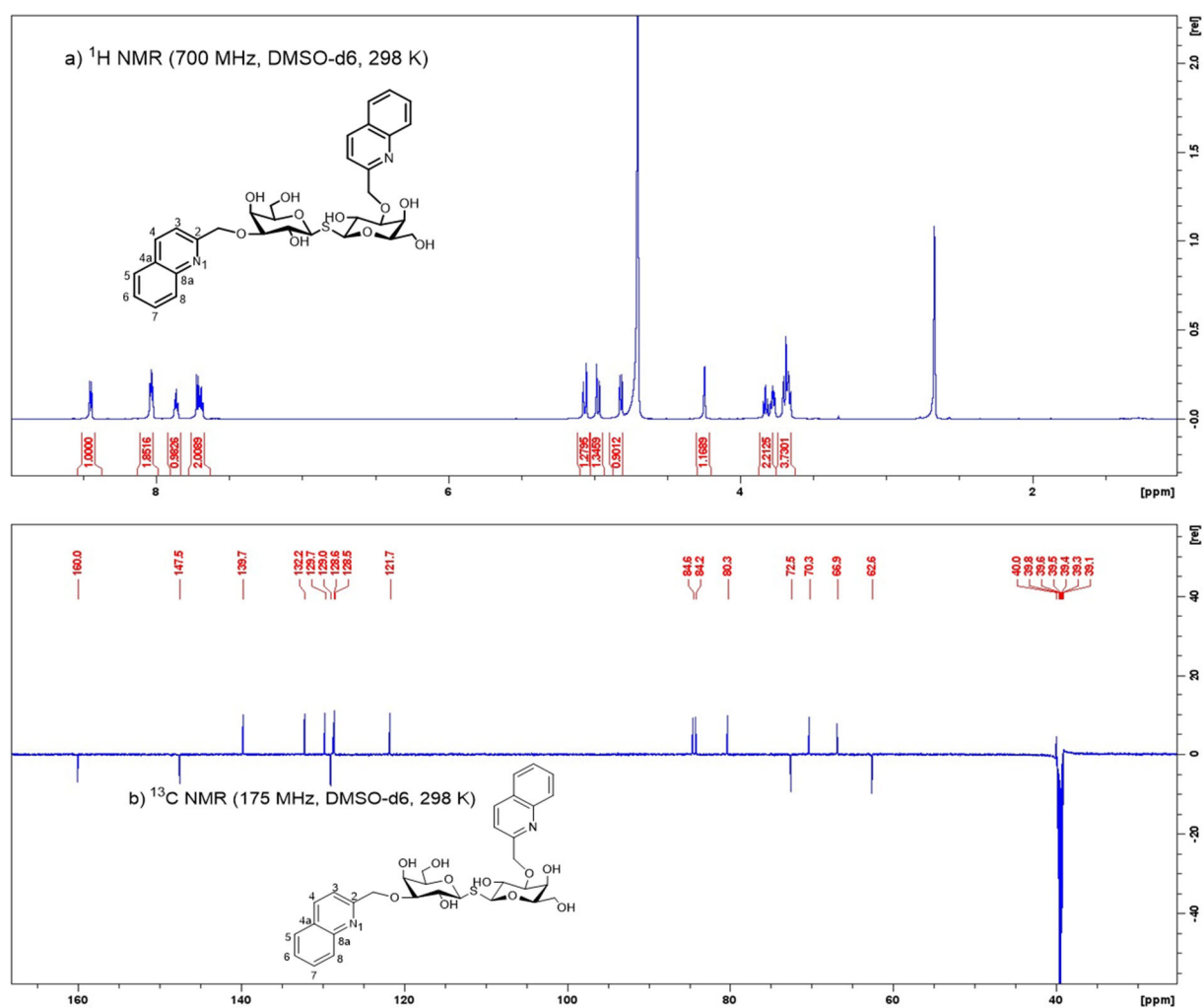
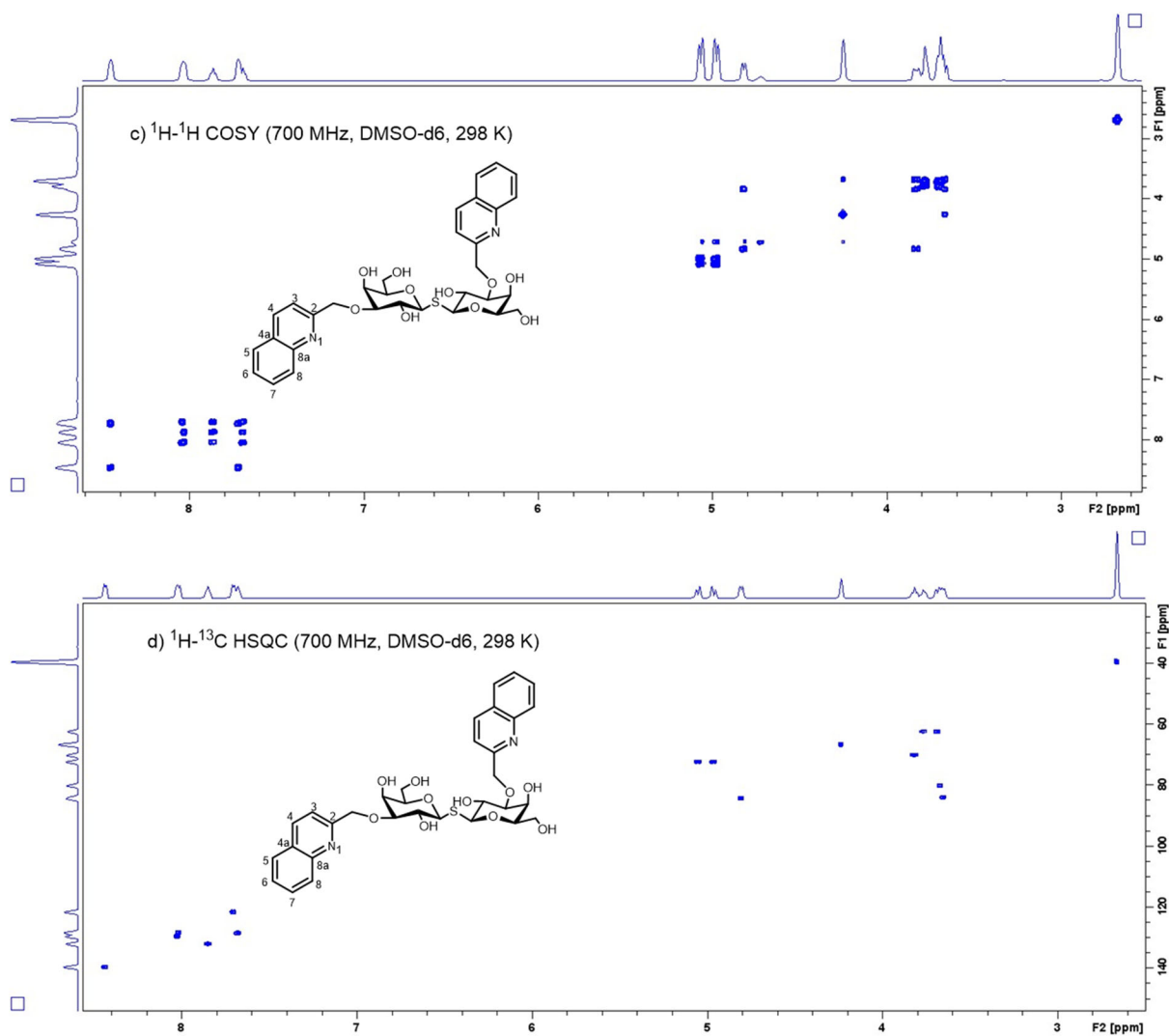


Figure S2. ^1H (a), J -modulated ^{13}C (b), ^1H - ^1H COSY (c), ^1H - ^{13}C HSQC (d), ^1H - ^{13}C HMBC (e), ^1H - ^{13}C HSQC-CLIP-COSY (f) NMR spectra of (**1**)





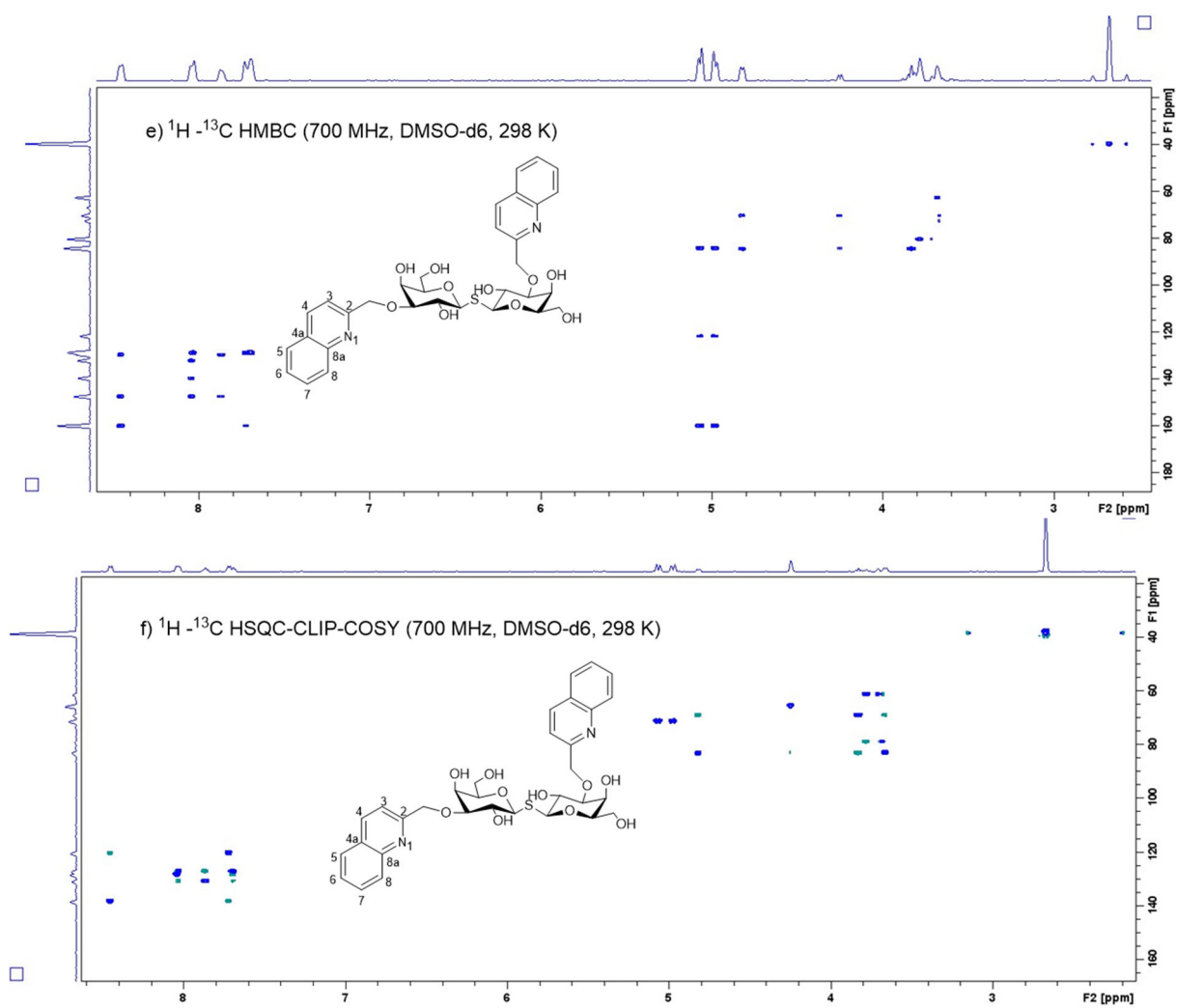
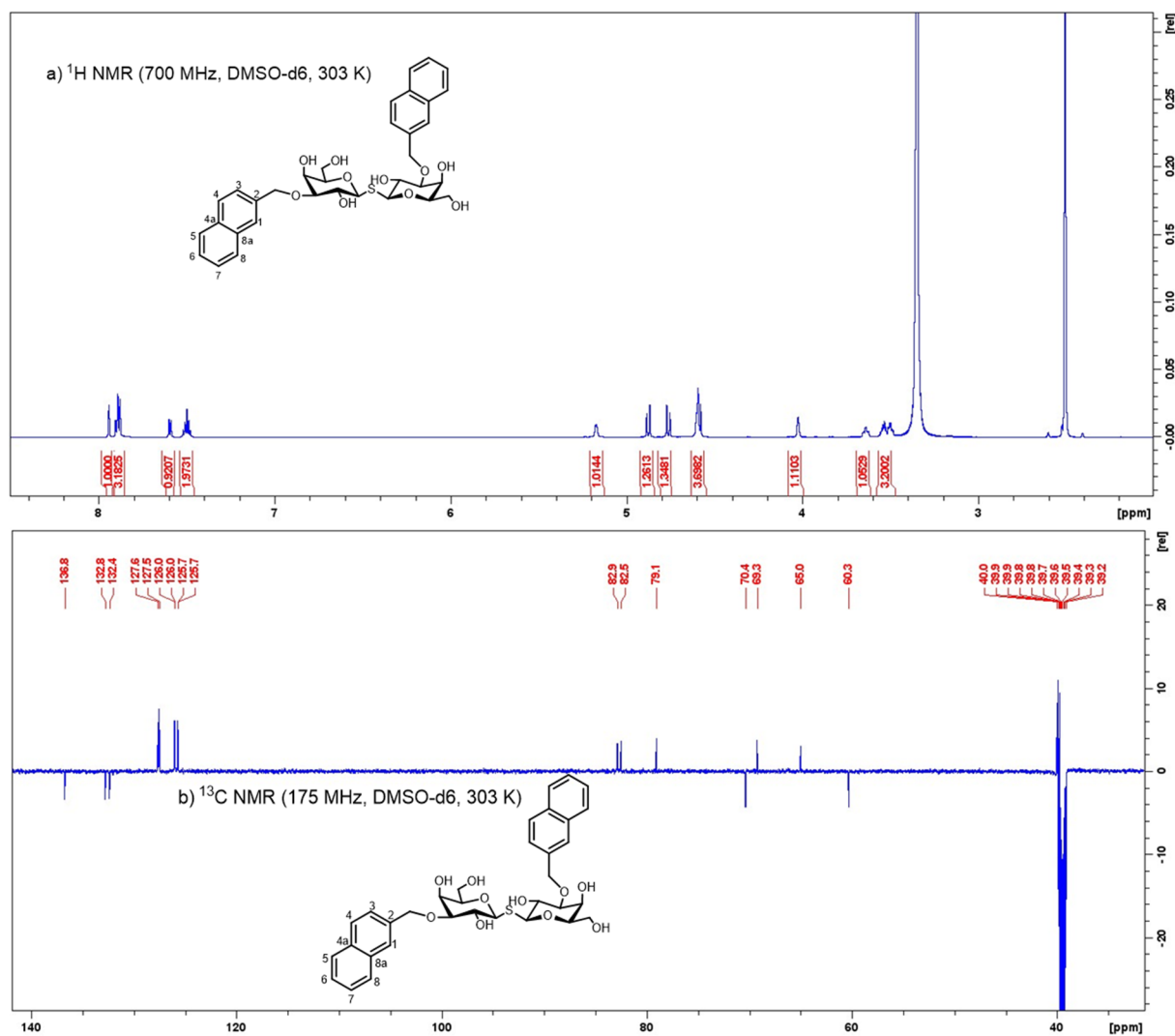


Figure S3. ^1H (a), J -modulated ^{13}C (b), ^1H - ^{13}C COSY (c) ^1H - ^{13}C HMBC (d), ^1H - ^{13}C HSQC-CLIP-COSY (e) NMR spectra of (**2**)



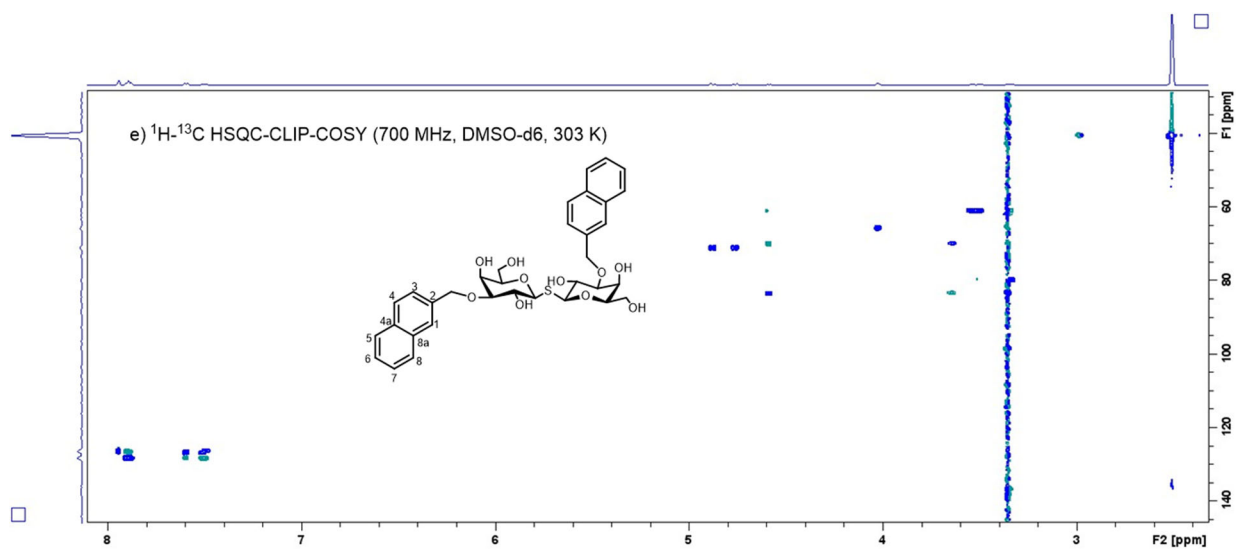
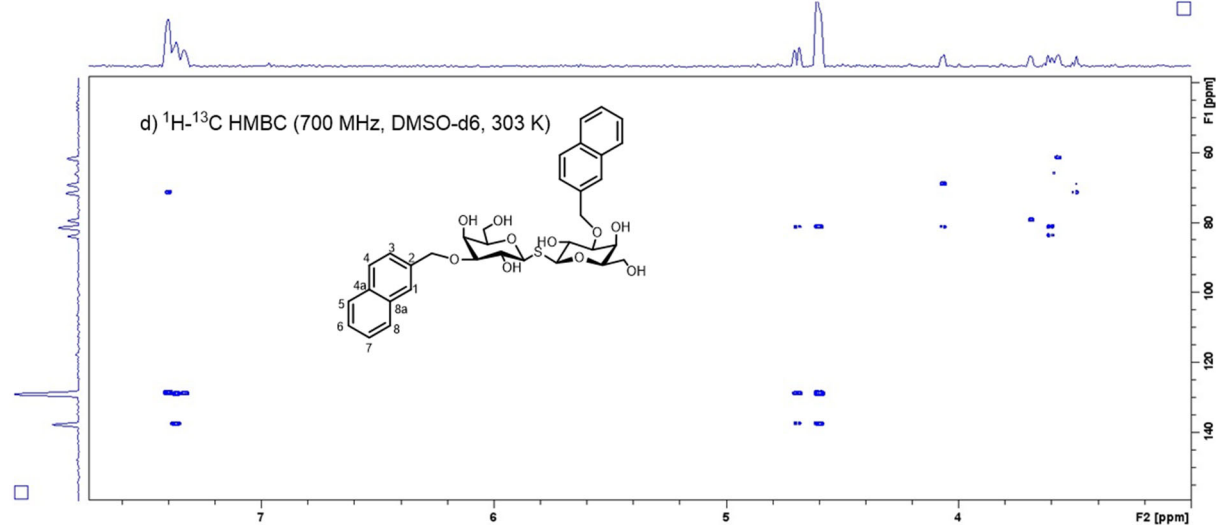
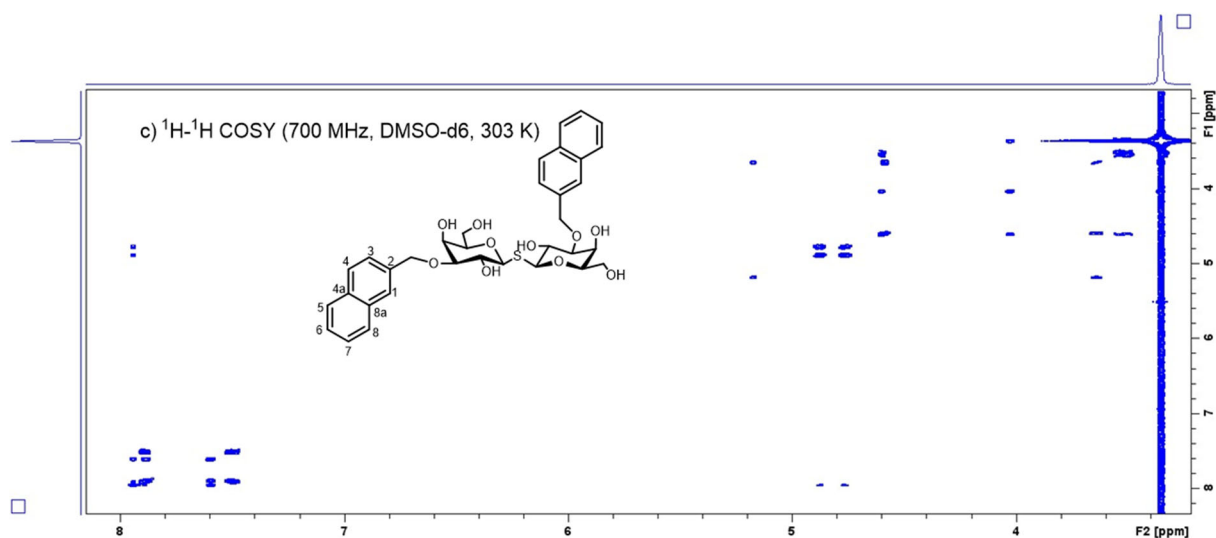
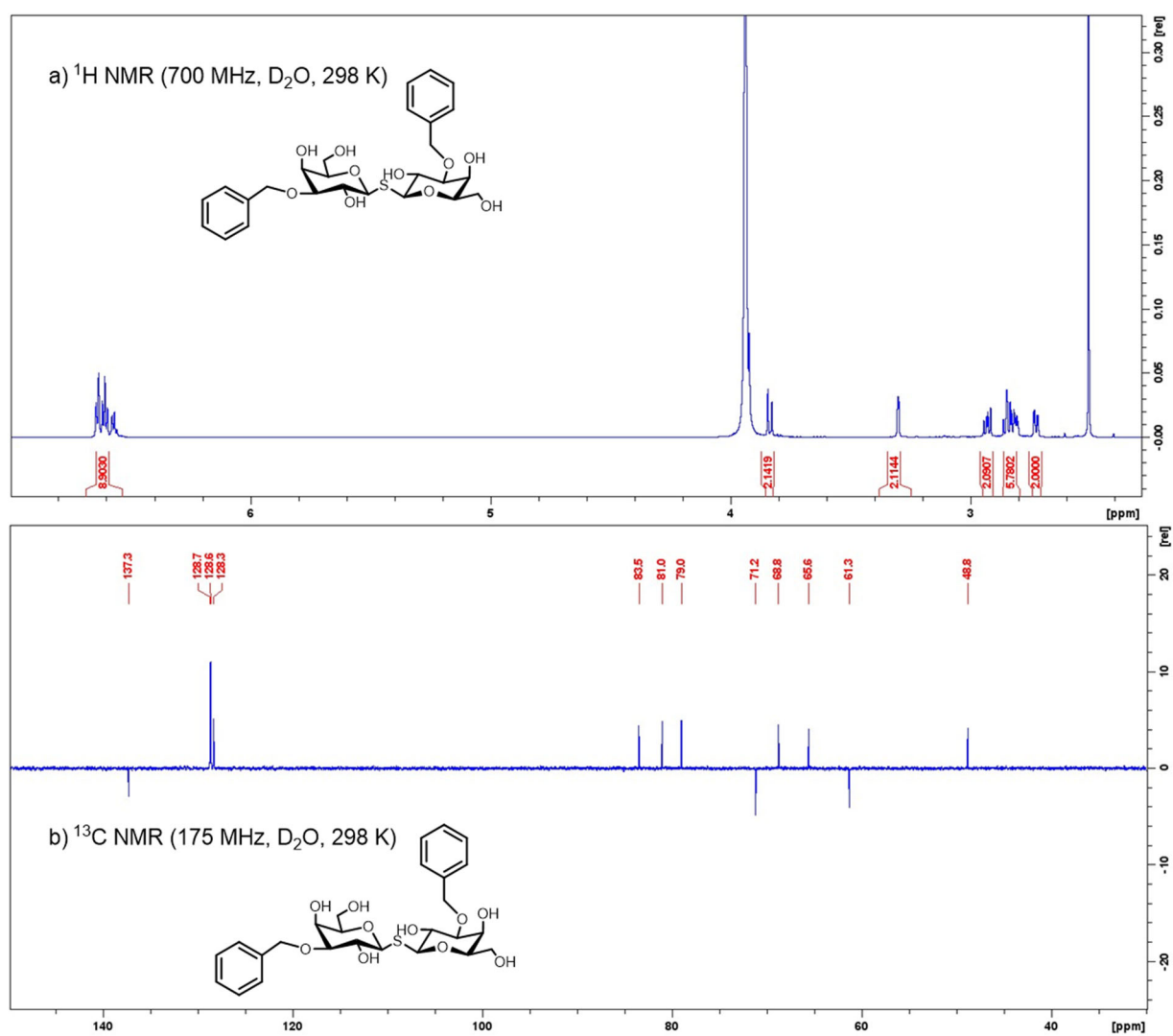
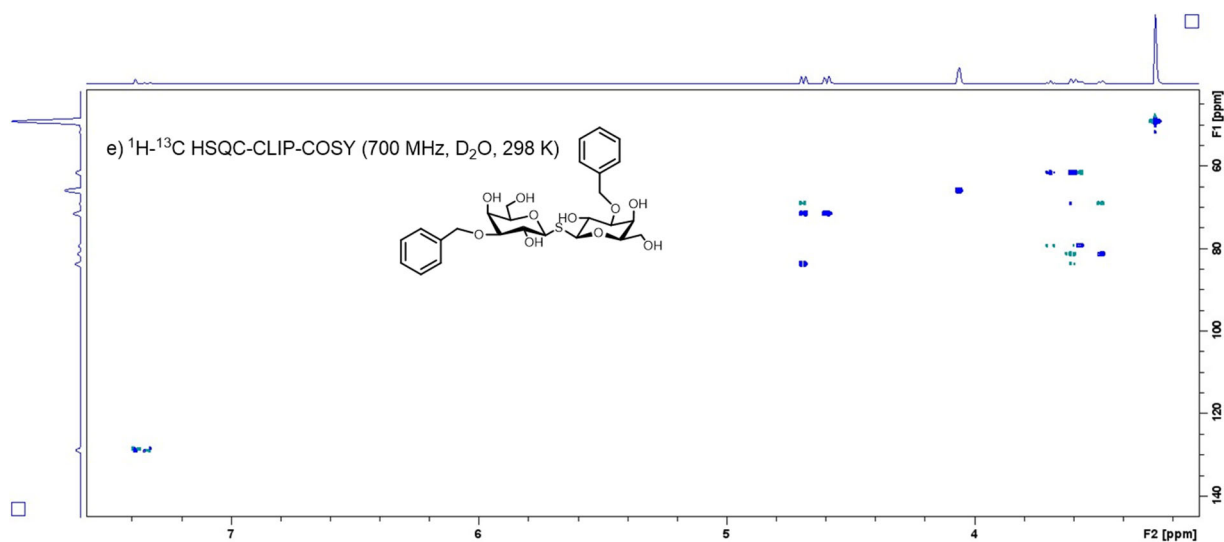
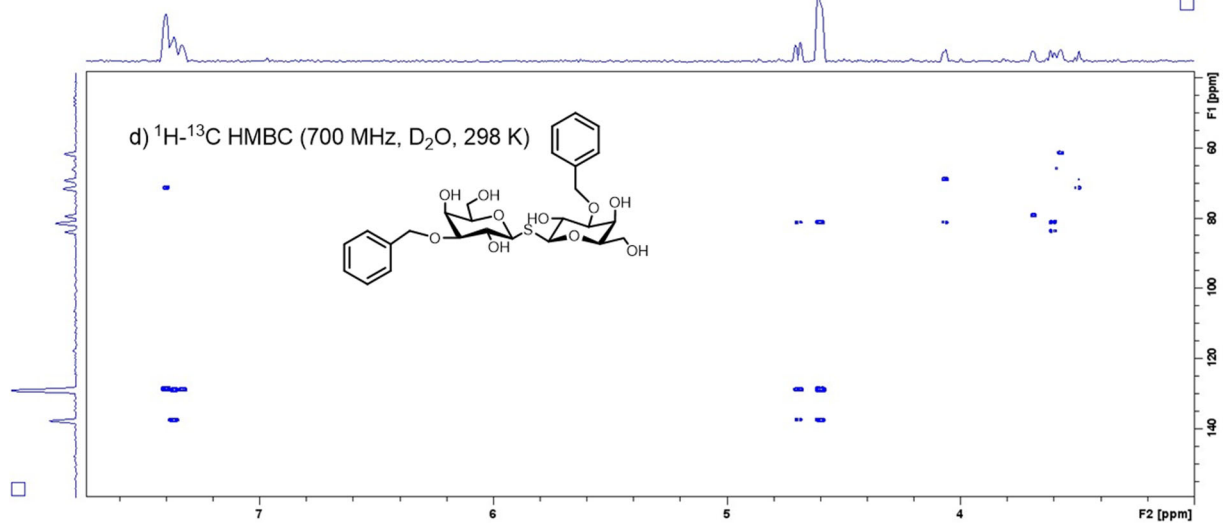
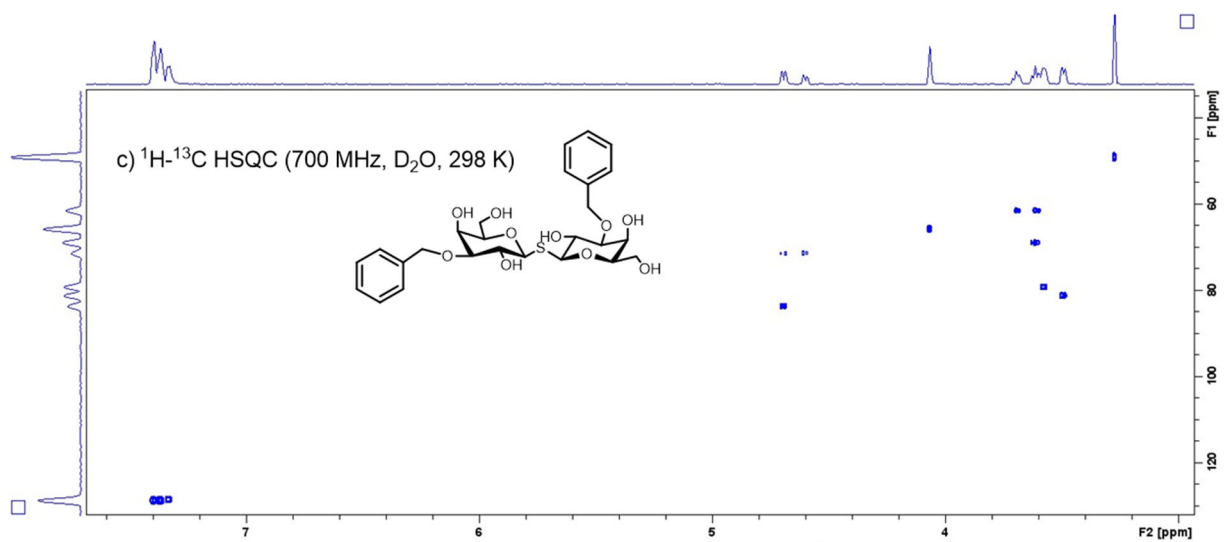


Figure S4. ^1H (a), J -modulated ^{13}C (b), ^1H - ^{13}C HSQC (c) ^1H - ^{13}C HMBC (d), ^1H - ^{13}C HSQC-CLIP-COSY (e) spectra of (**3**)





a) ^1H NMR (500 MHz, DMSO- d_6 , 298 K)

COC1=CC=C(C(=C1)Oc2cc(O)c(S[C@@H]3O[C@H](CO[C@@H]4[C@H](O)[C@@H](CO[C@@H]4O)C5=CC(=C(C=C5)OC)OC5=O)O)C(=O)O

Integration values (from left to right): 1.0000, 1.1110, 1.0903, 0.9790, 1.0393, 1.0770, 1.2017, 1.0081, 1.0602, 1.1555, 3.6700, 1.3069, 3.2944.

b) ^{13}C NMR (125 MHz, DMSO- d_6 , 298 K)

COC1=CC=C(C(=C1)Oc2cc(O)c(S[C@@H]3O[C@H](CO[C@@H]4[C@H](O)[C@@H](CO[C@@H]4O)C5=CC(=C(C=C5)OC)OC5=O)O)C(=O)O

Chemical shift values (ppm) (from left to right): 162.2, 160.5, 154.9, 153.3, 129.8, 125.6, 112.2, 110.7, 108.9, 100.8, 82.3, 82.8, 79.0, 68.1, 64.1, 64.9, 60.3, 55.9, 40.0, 39.8, 39.7, 39.5, 39.3, 39.2, 39.0.

c) ^1H - ^1H COSY (500 MHz, DMSO- d_6 , 298 K)

COC1=CC=C(C(=C1)Oc2cc(O)c(S[C@@H]3O[C@H](CO[C@@H]4[C@H](O)[C@@H](CO[C@@H]4O)C5=CC(=C(C=C5)OC)OC5=O)O)C(=O)O

