Electronic Supplementary Material (ESI) for Medicinal Chemistry Communications.

New glycopolymers as multivalent systems for lectin recognition

Michele Fiore,[a] Nathalie Berthet, Olivier Renaudet[a,b] and Valessa Barbier[a,c]

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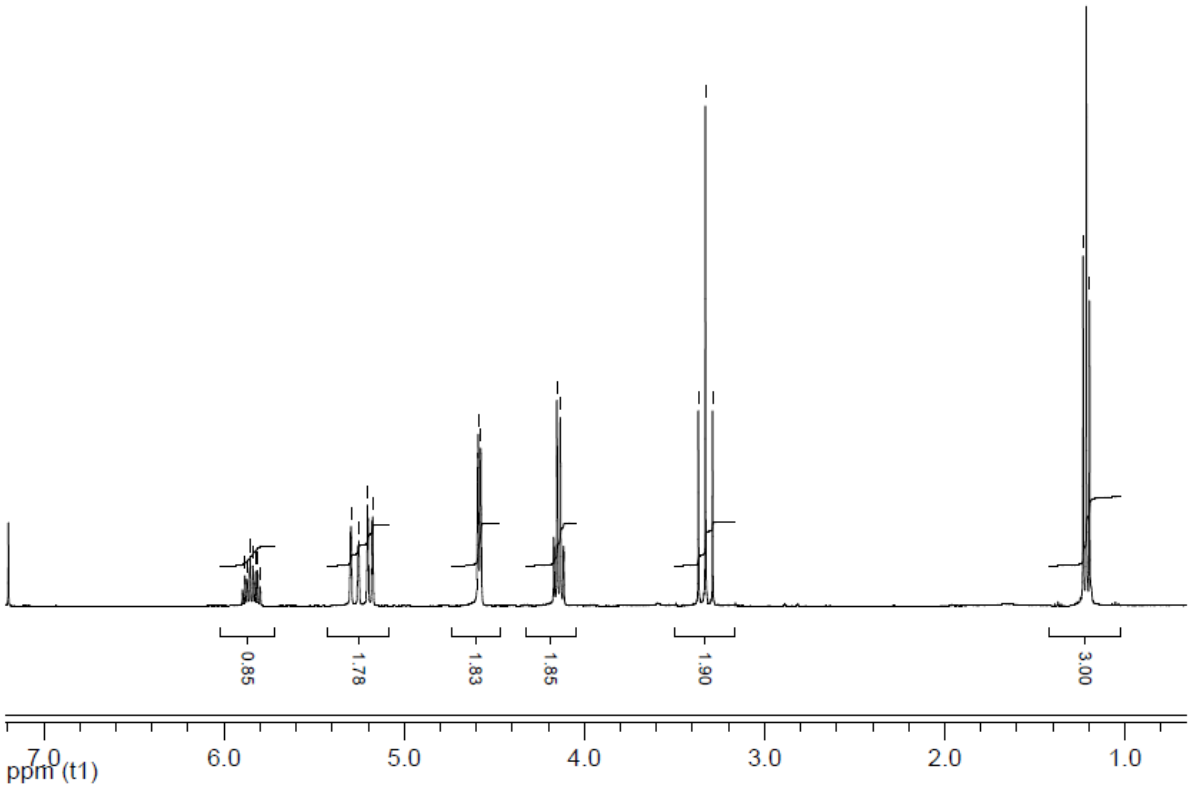

Figure S1. ^{1}H NMR spectrum of **1p** in $CDCl_3$, 400MHz

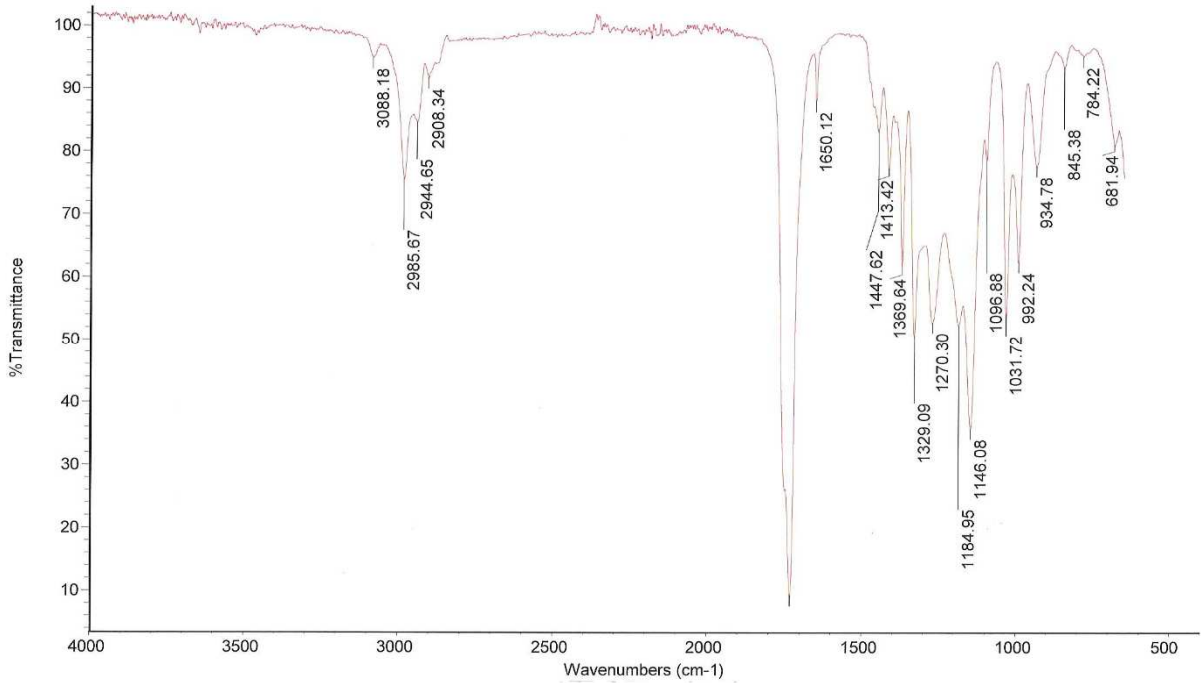

Figure S2. IR spectrum of **1p**

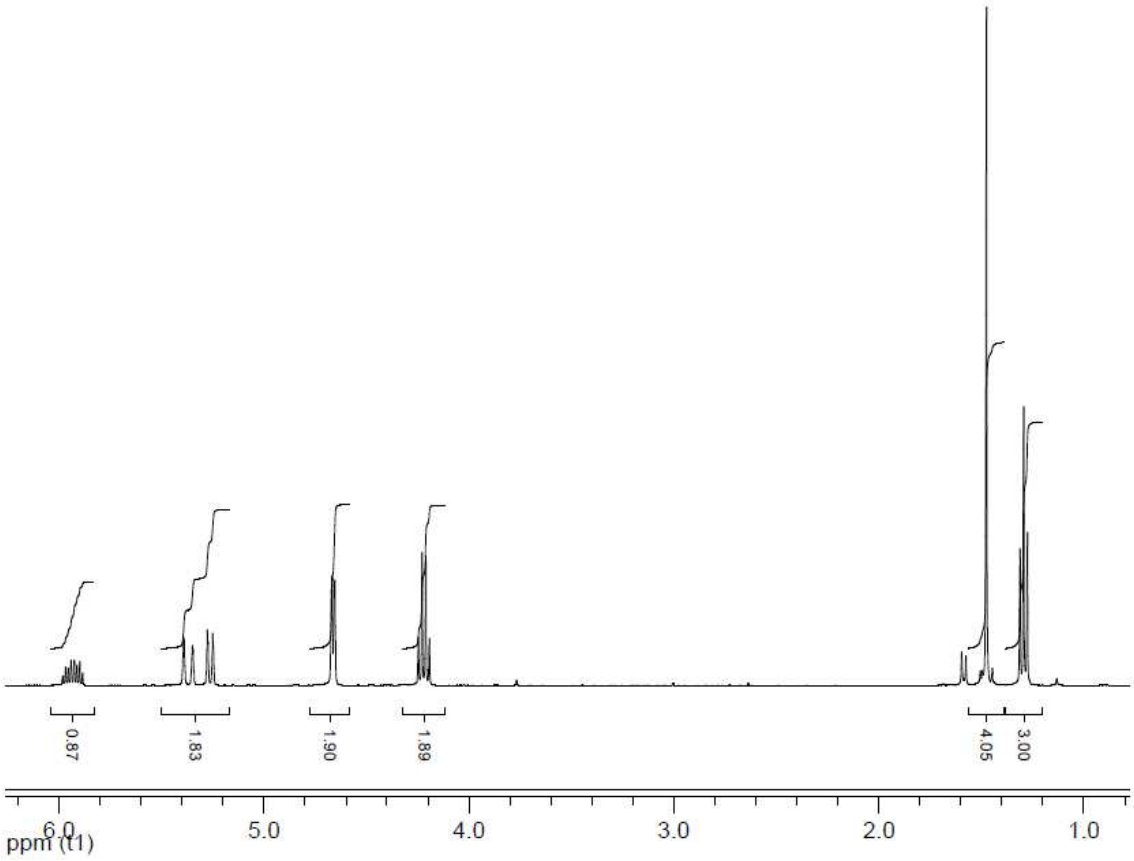

Figure S3. ^{1}H NMR spectrum of **1** in $CDCl_3$, 400MHz

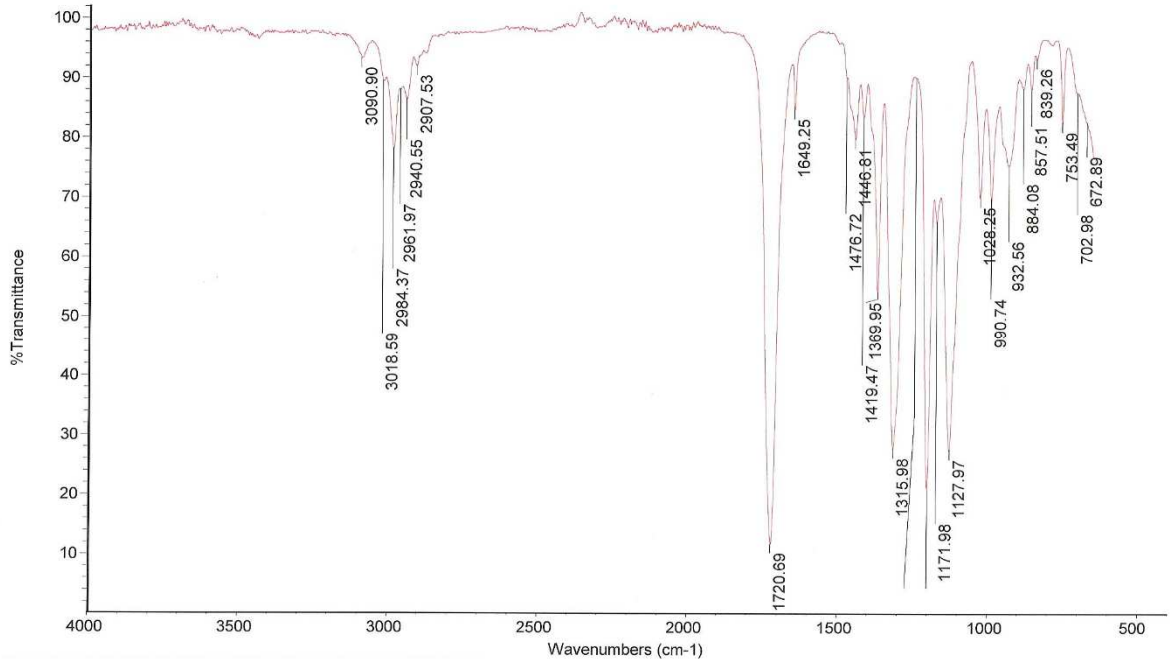

Figure S4. IR spectrum of **1**

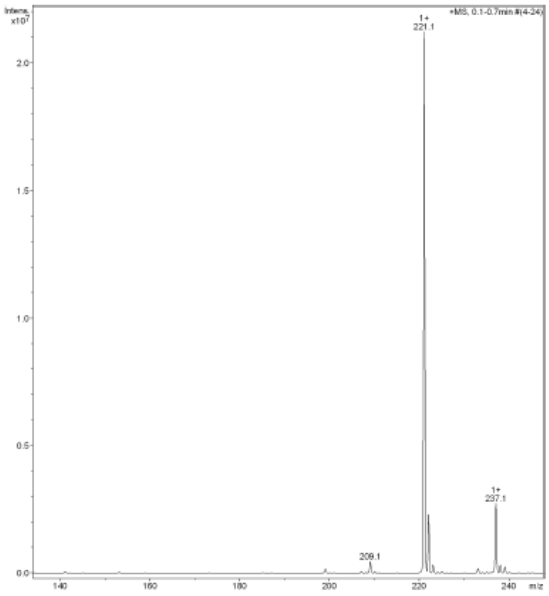

Figure S5. ElectroSpray Ionization (ESI) analysis of **1**

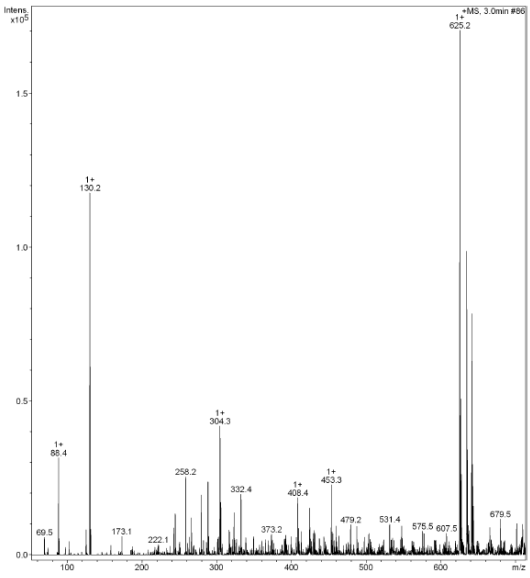

Figure S6. ESI analysis of **2-Glc** (reaction medium)

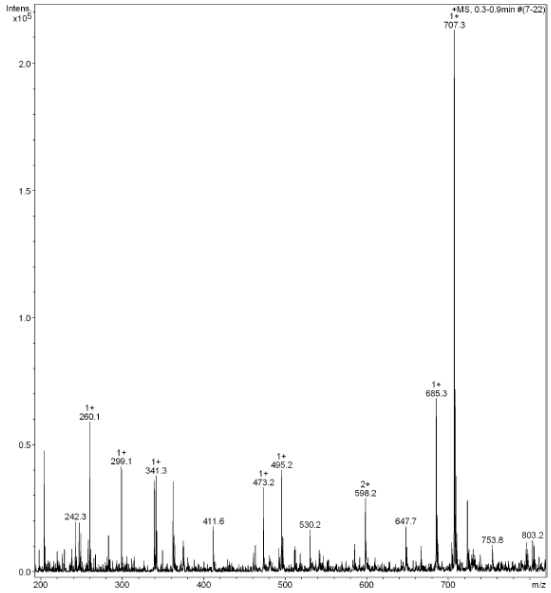

Figure S7. ESI analysis of **2-GlcNAc** (reaction medium)

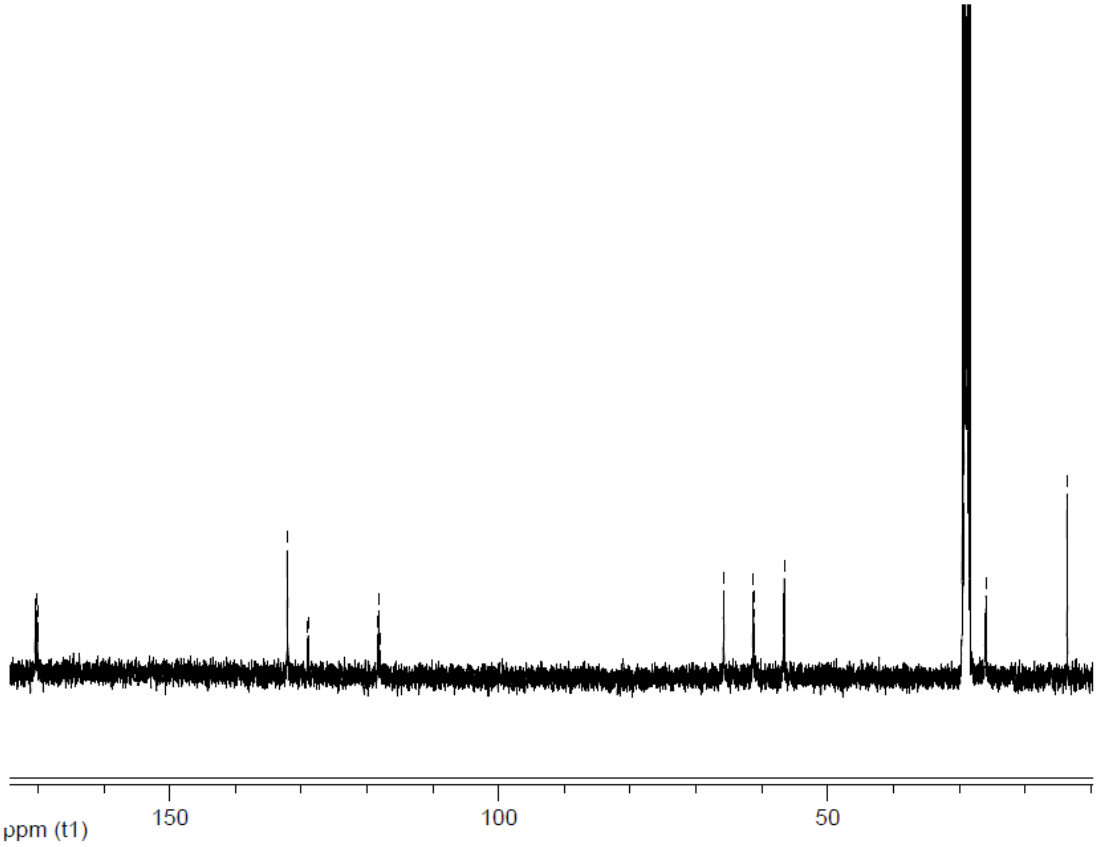

Figure S8. ^{13}C NMR spectrum of **P1** in CD_3COCD_3, 400MHz

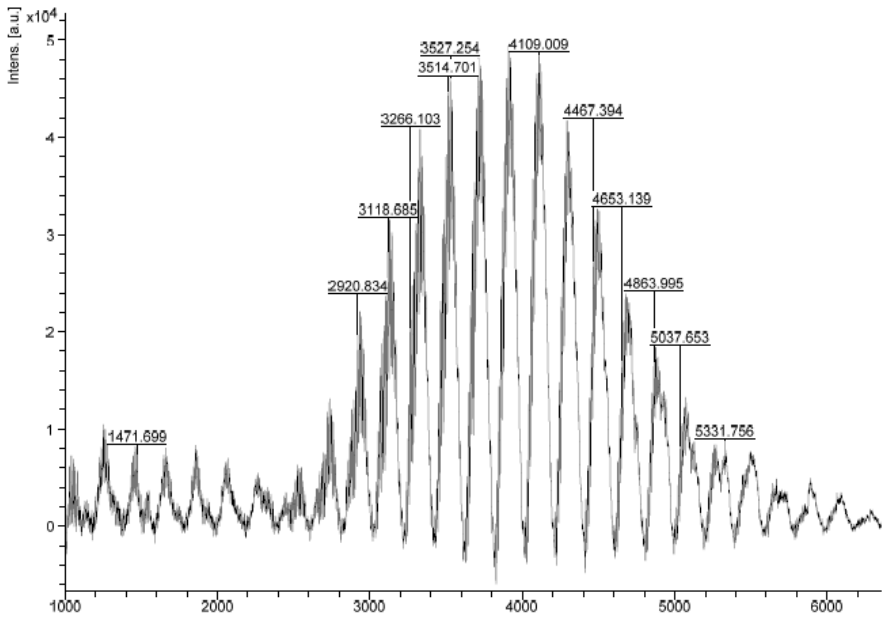

Figure S9. MALDI spectrum of **P1** (Dithranol/sodium acetate)

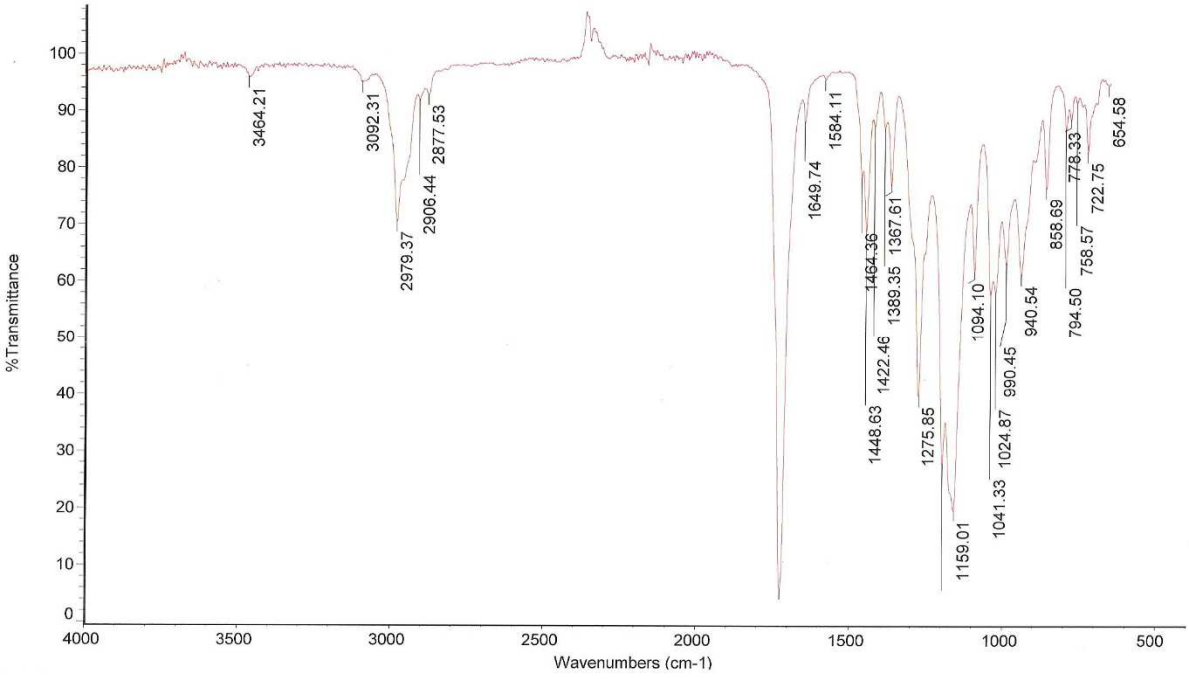

Figure S10. IR spectrum of **P1**

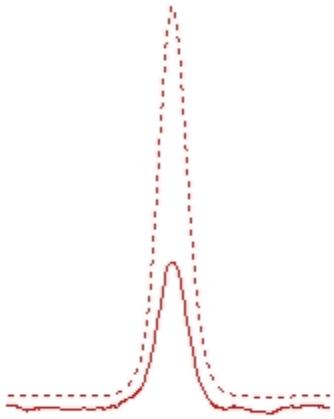

Figure S11. Size Exclusion Analysis (SEC) of **P1** in THF: dotted line, RI signal and full line, LS signal

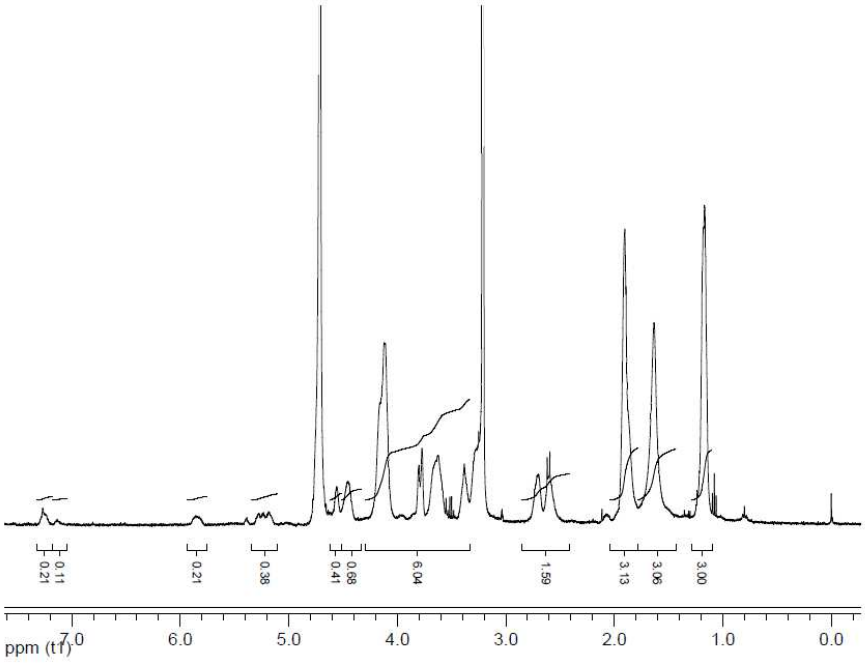

Figure S12. ^{1}H NMR spectrum of **P1-GlcNAc** in MeOD, 400MHz

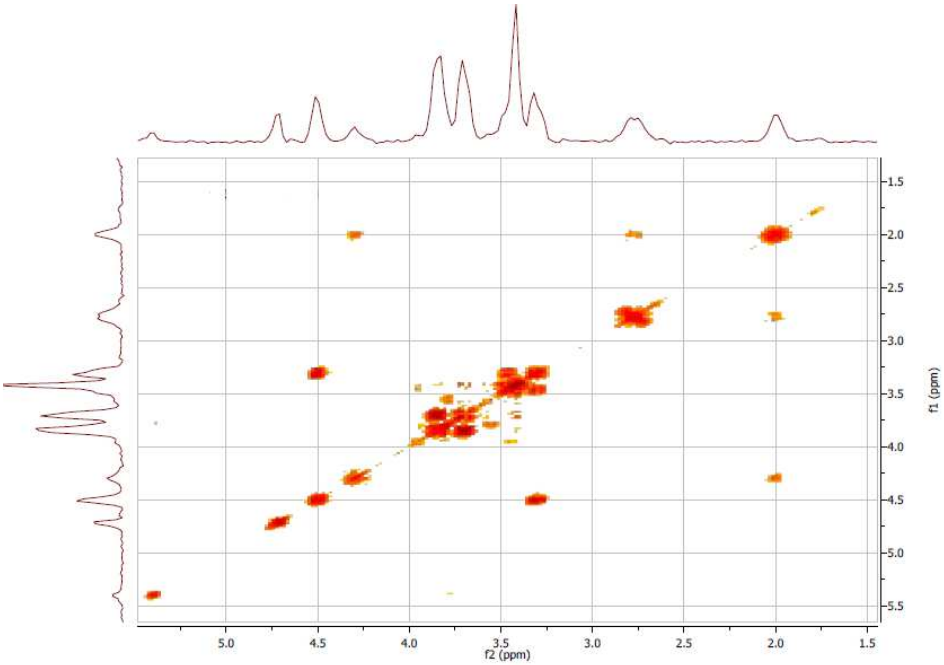

Figure S13. COSY NMR spectrum of **P2-Glc** in D_2O

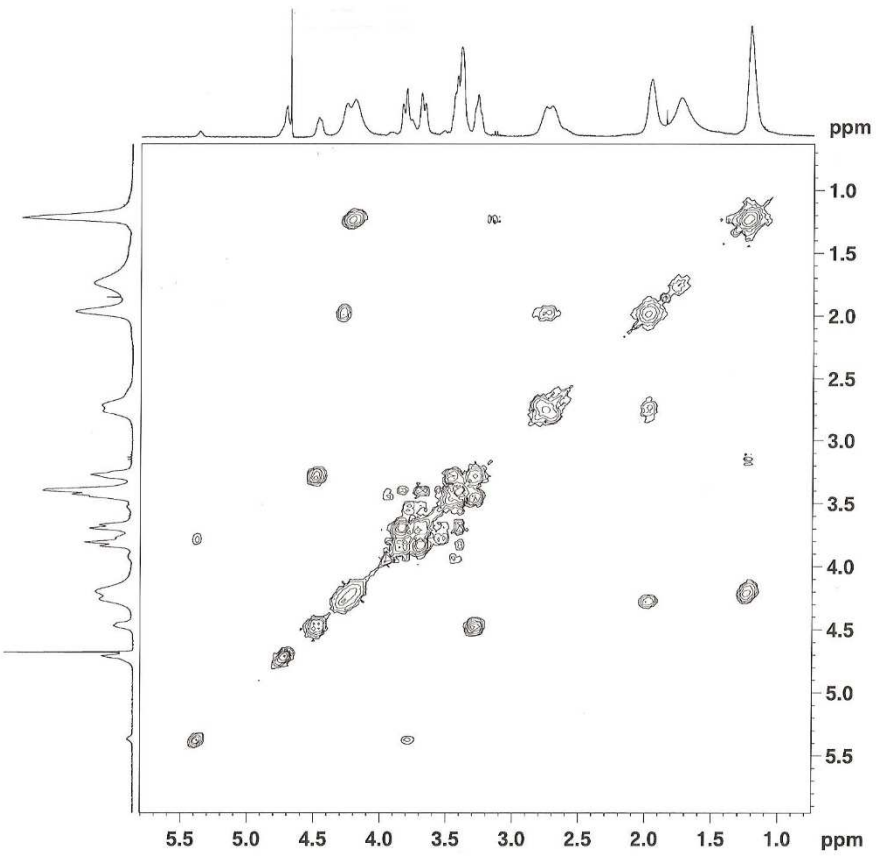

Figure S14. COSY NMR spectrum of **P1-Glc** in D_2O

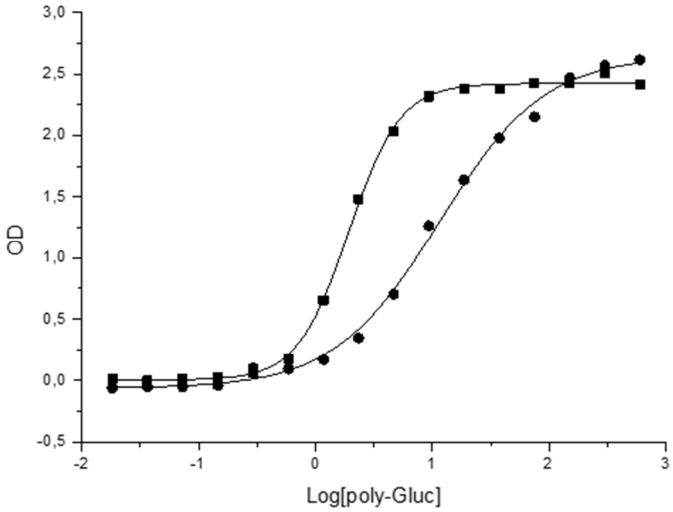

Figure S15. Plot of the absorbance signal (OD) at 490 nm of the Con A peroxidase reaction on the OPD substrate in presence of two fold serial dilutions of P1-Glc (■) or P2-Glc (●) coated on the microtitre plate.