

Supplementary Information

An Efficient Synthesis of D-Galactose-Based Multivalent Neoglycoconjugates

Saulo F. de Andrade,^a Rute C. Figueiredo,^b José D. de Souza Filho^a and Ricardo J. Alves^{*b}

^aDepartamento de Química, Instituto de Ciências Exatas and ^bFaculdade de Farmácia,
Universidade Federal de Minas Gerais, Av. Antônio Carlos, 6627, 31270-901 Belo Horizonte-MG, Brazil

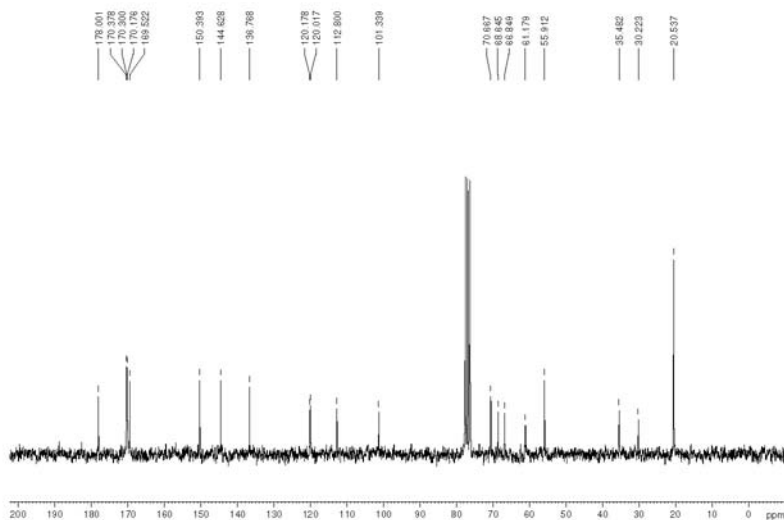


Figure S1. ¹³C NMR (CDCl₃, 50 MHz) spectrum of **9**.

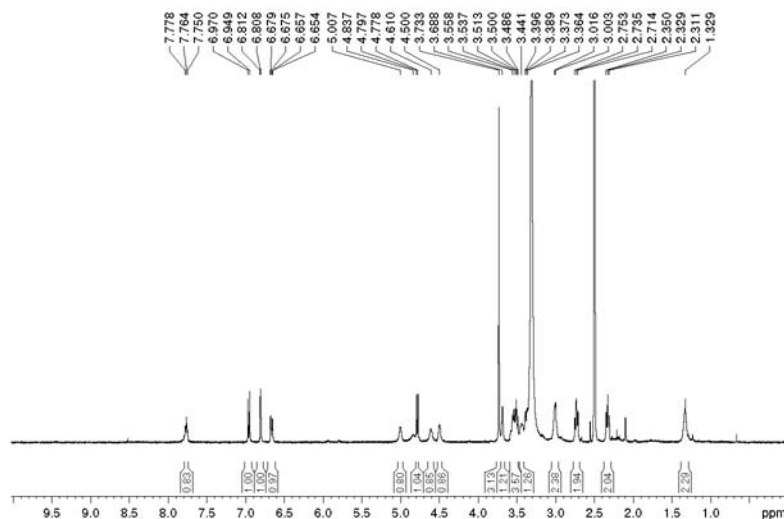


Figure S2. ¹H NMR spectrum (DMSO-*d*₆, 300 MHz) of glycodendrimer **1**.

*e-mail: ricardodylan@farmacia.ufmg.br

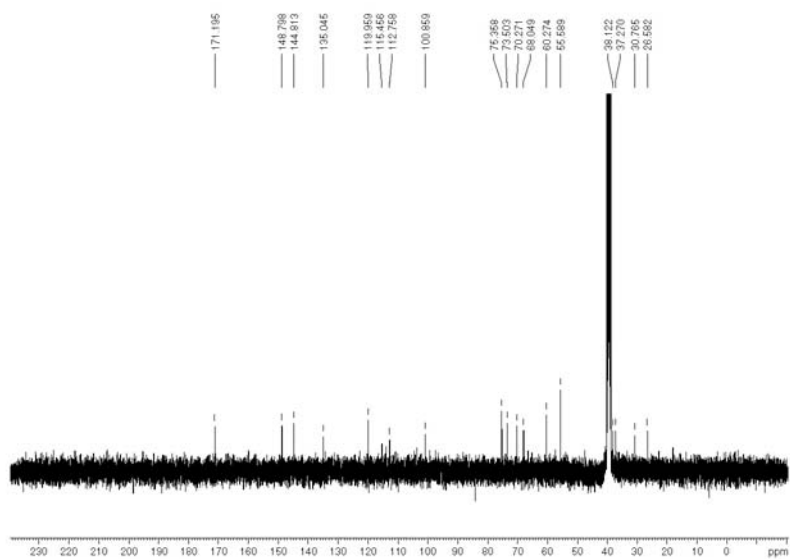


Figure S3. ^{13}C NMR spectrum ($\text{DMSO-}d_6$, 100 MHz) of glycodendrimer 1.

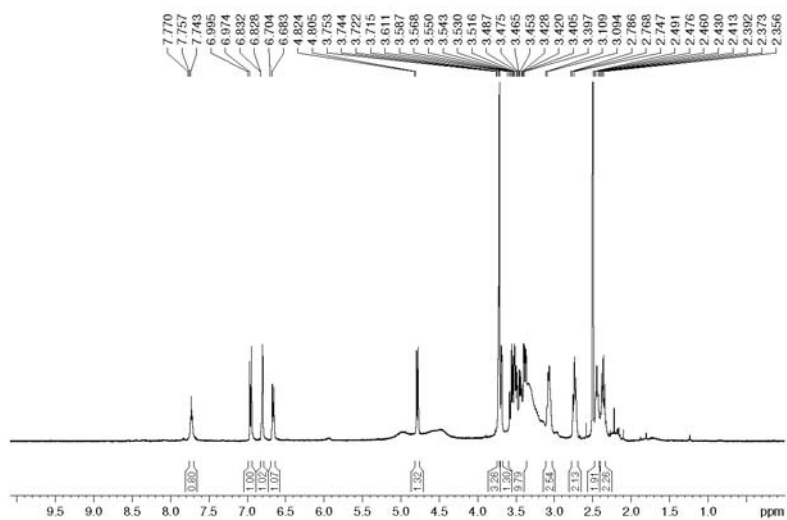


Figure S4. ^1H NMR spectrum ($\text{DMSO-}d_6$, 400 MHz) of glycodendrimer 2.

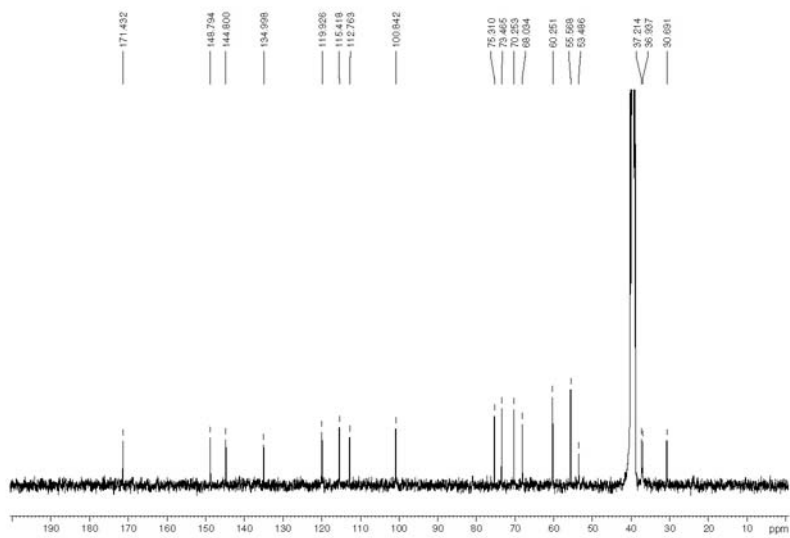


Figure S5. ^{13}C NMR spectrum ($\text{DMSO-}d_6$, 100 MHz) of glycodendrimer 2.

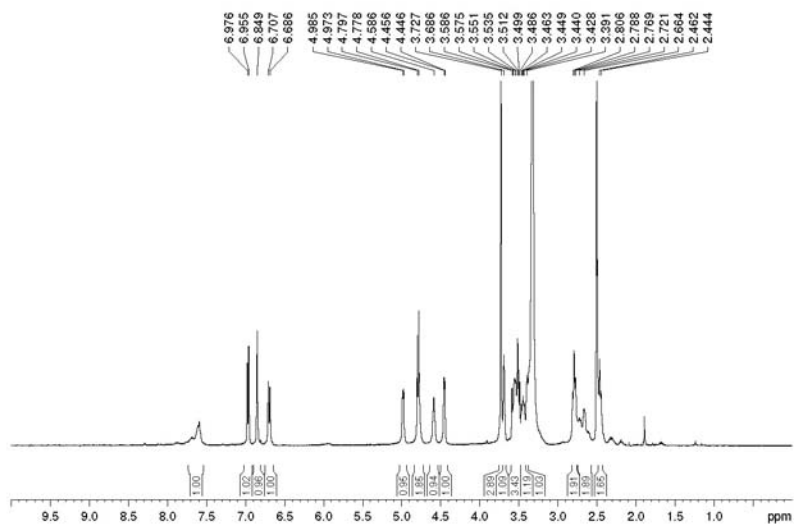


Figure S6. ^1H NMR spectrum ($\text{DMSO-}d_6$, 400 MHz) of glycodendrimer 3.

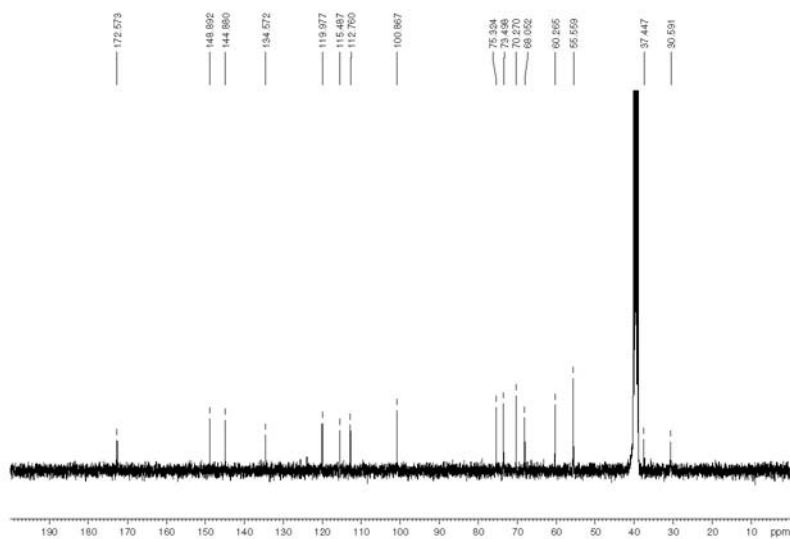


Figure S7. ^{13}C NMR spectrum ($\text{DMSO-}d_6$, 100 MHz) of glycodendrimer **3**.

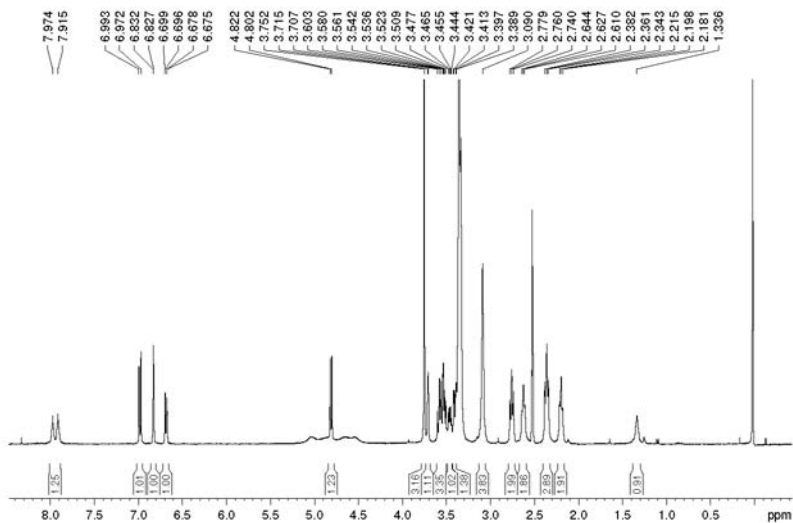


Figure S8. ^1H NMR spectrum ($\text{DMSO-}d_6$, 400 MHz) of glycodendrimer **4**.

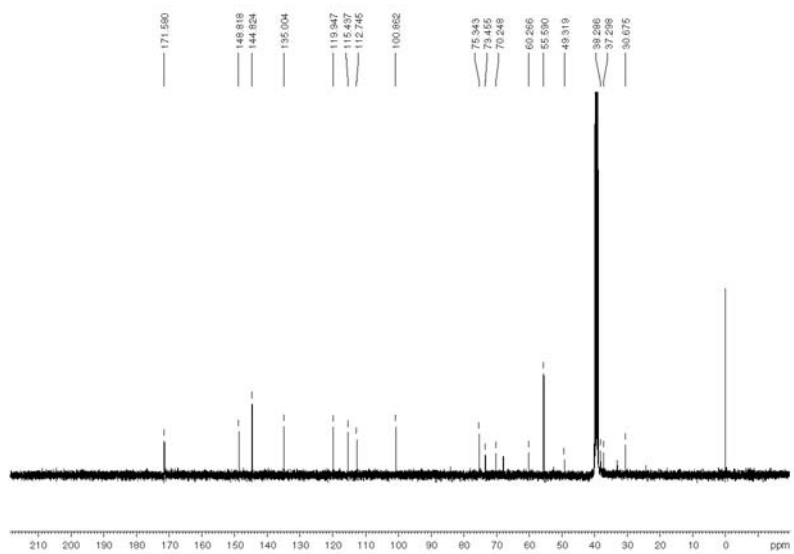


Figure S9. ^{13}C NMR spectrum ($\text{DMSO-}d_6$, 100 MHz) of glycodendrimer **4**.

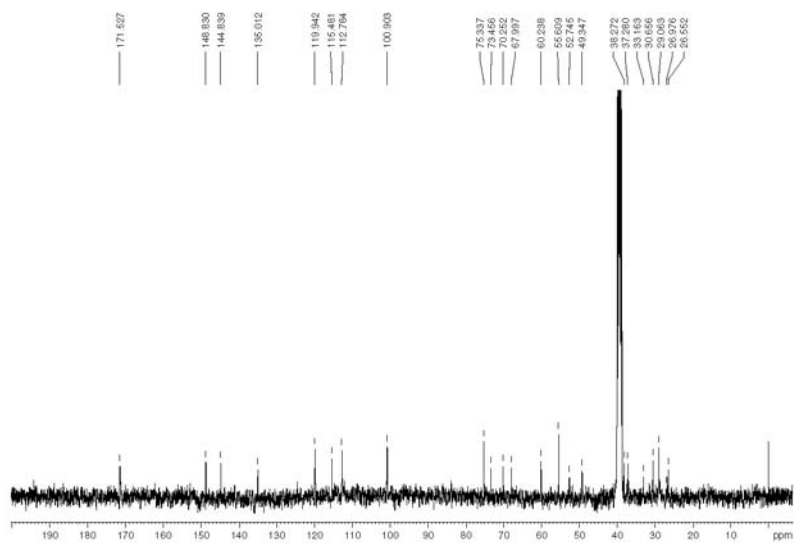


Figure S10. ^{13}C NMR spectrum ($\text{DMSO-}d_6$, 100 MHz) of glycodendrimer **5**.

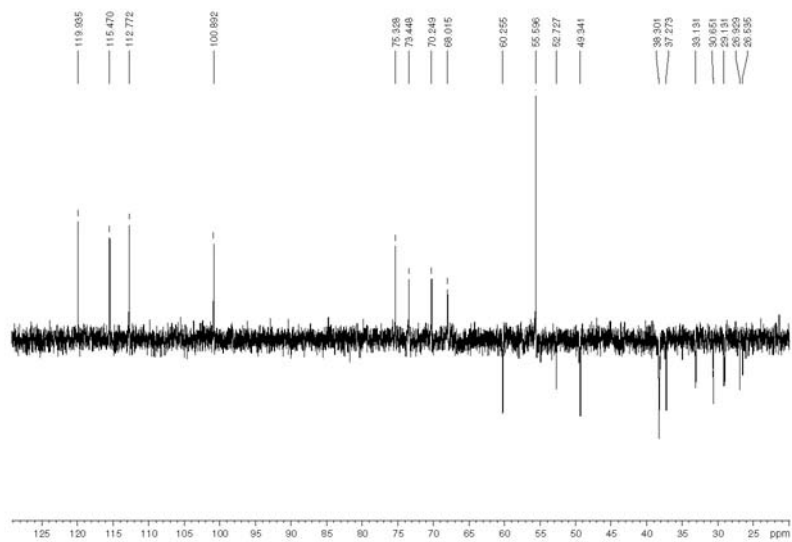


Figure S11. DEPT-135 spectrum (DMSO- d_6 , 100 MHz) of glycodendrimer 5.

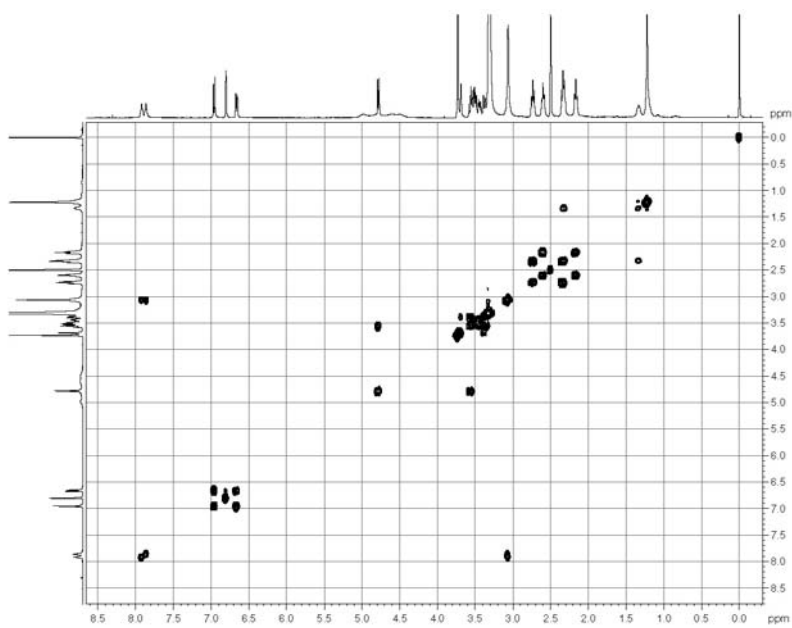


Figure S12. COSY contour map (DMSO- d_6) of glycodendrimer 5.

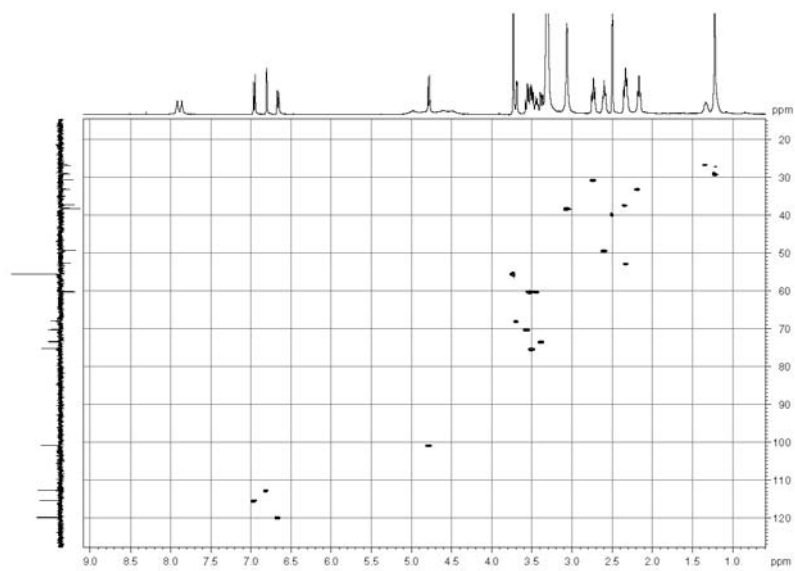


Figure S13. HSQC contour map (DMSO-*d*₆) of glycodendrimer 5.

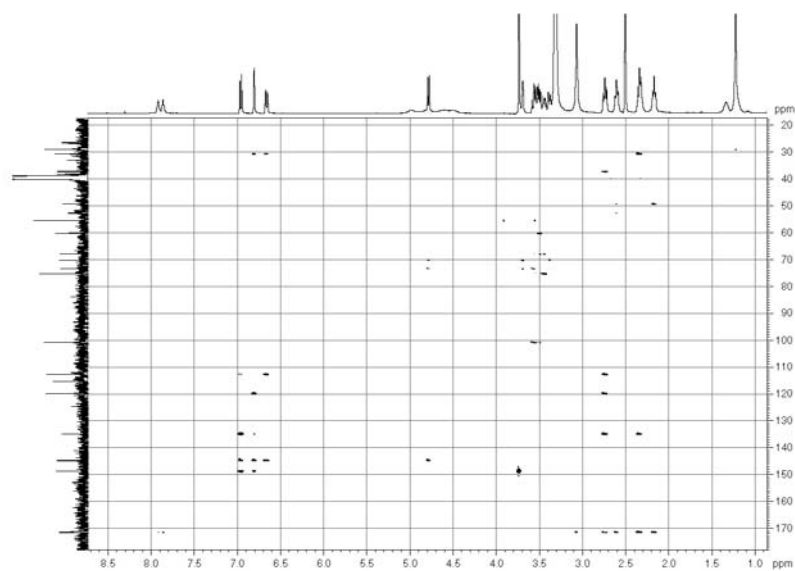


Figure S14. HMBC contour map (DMSO-*d*₆) of glycodendrimer 5.

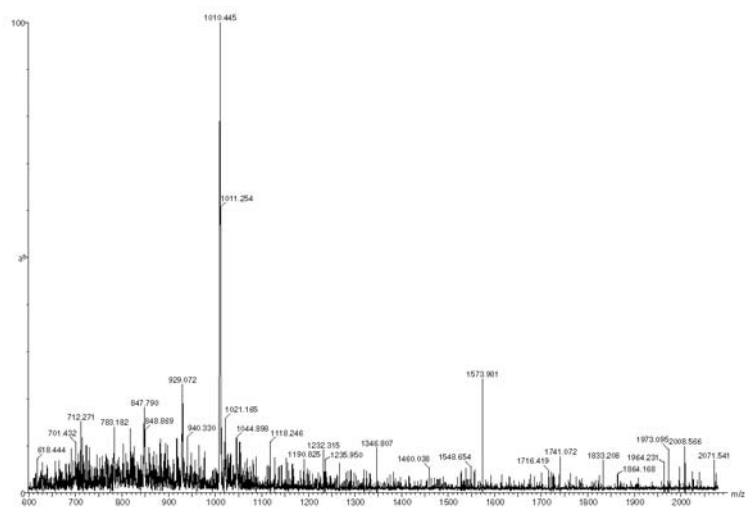


Figure S15. MS-ESI spectrum (DMSO-*d*₆) of glycodendrimer **5**.