

Direct solid phase synthesis and fluorescence labeling of large, monodisperse mannosylated dendrons in a peptide synthesizer.

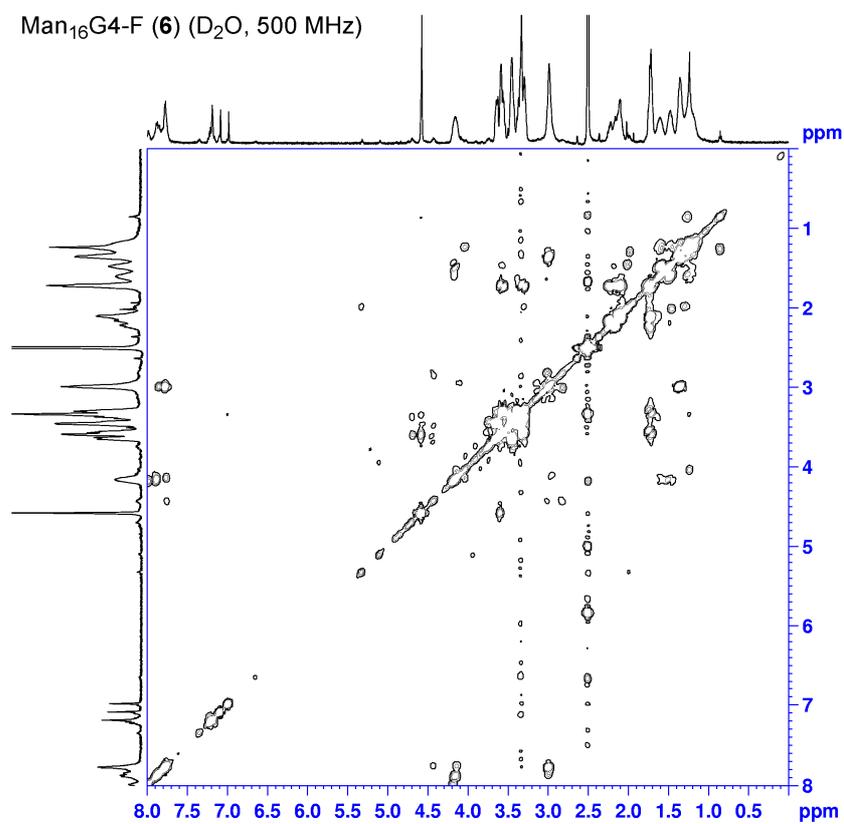
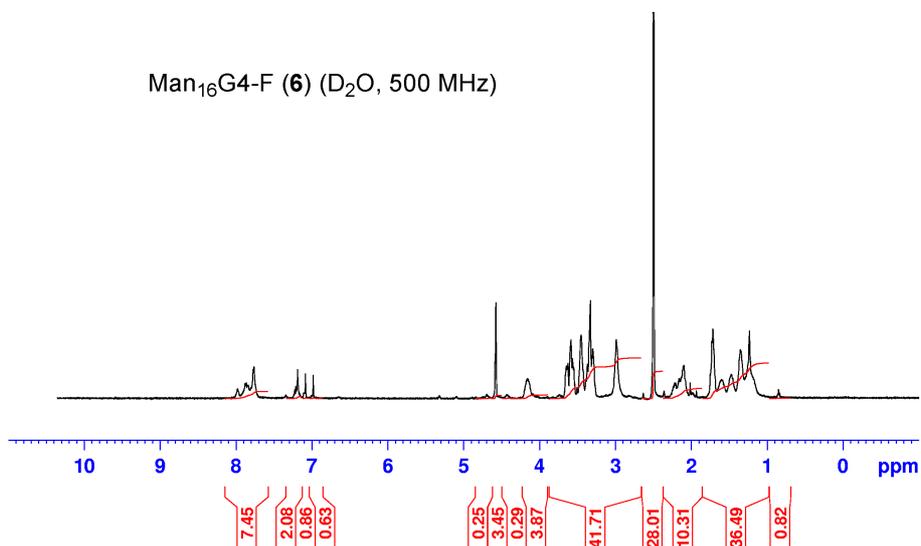
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Intracellulaire, CBM-CNRS, Rue Charles-Sadron, 45071 Orleans, Cedex 2, France

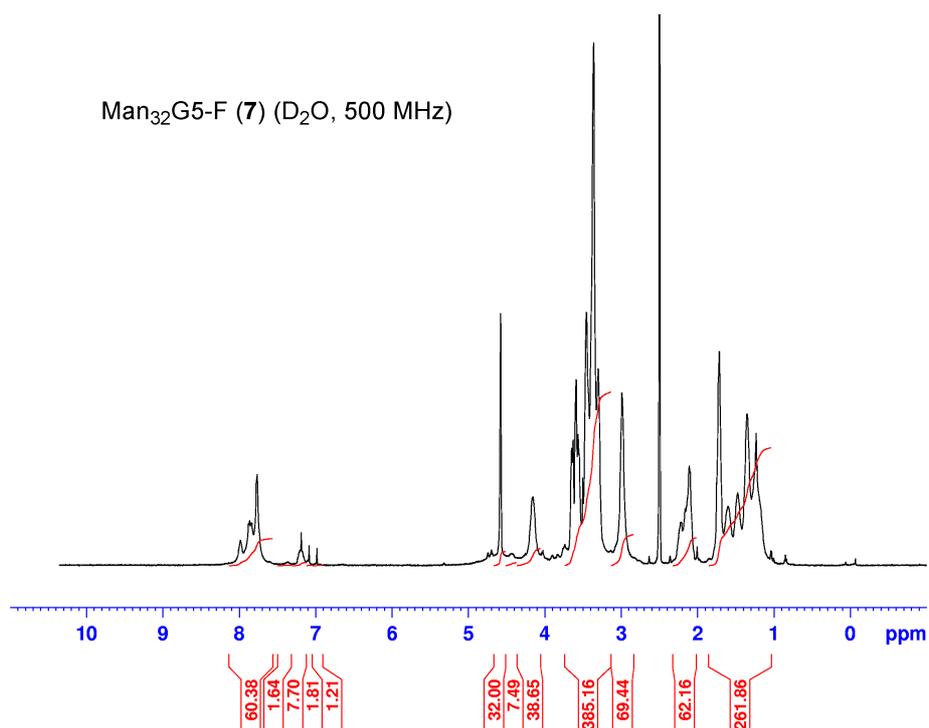
Email: dkc@chem.sinica.edu.tw

Supporting information.

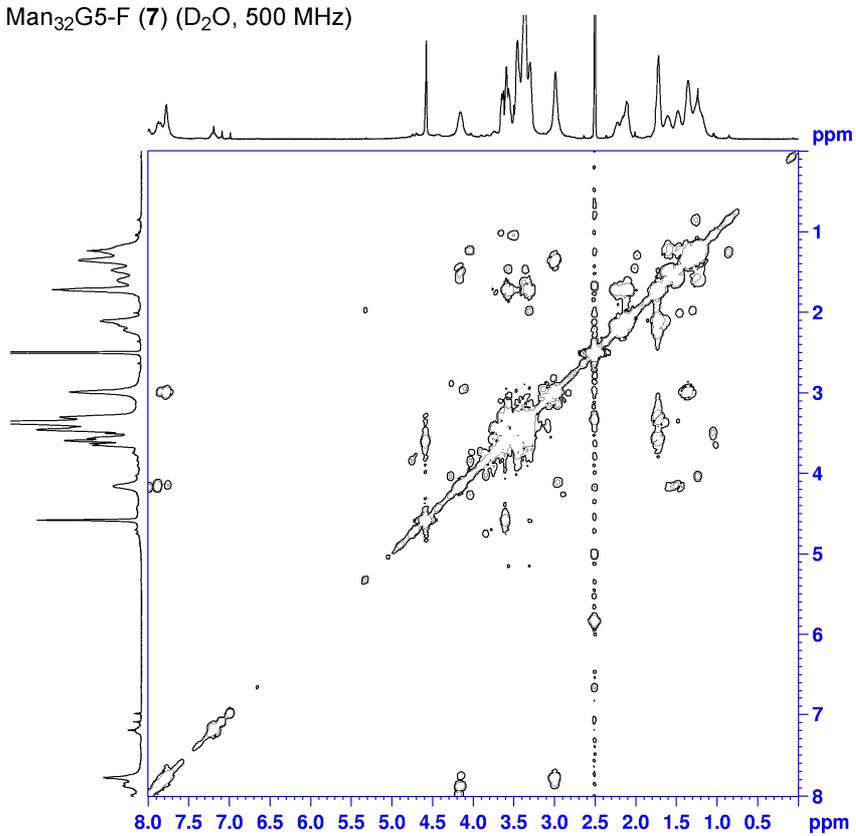
NMR spectra



Man₃₂G5-F (7) (D₂O, 500 MHz)

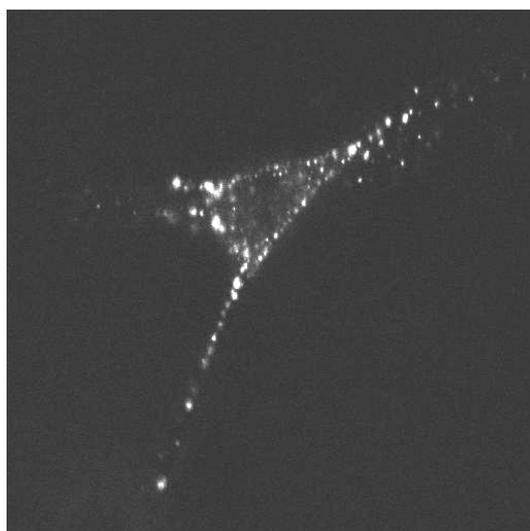
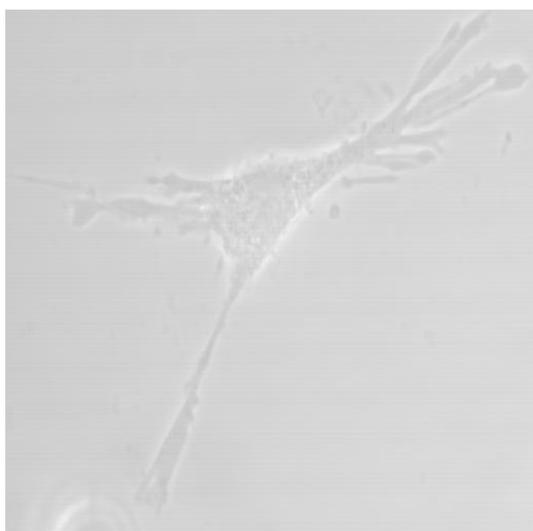


Man₃₂G5-F (7) (D₂O, 500 MHz)

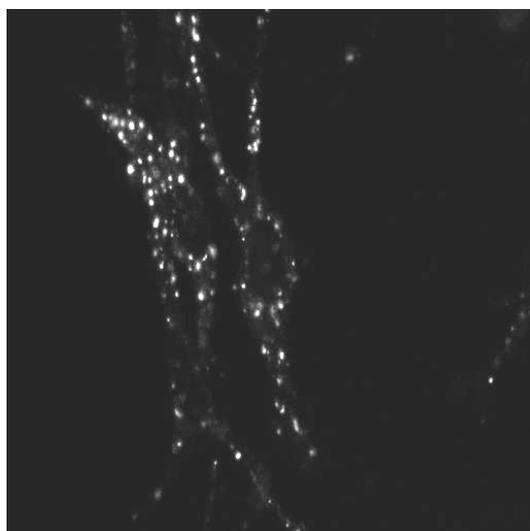
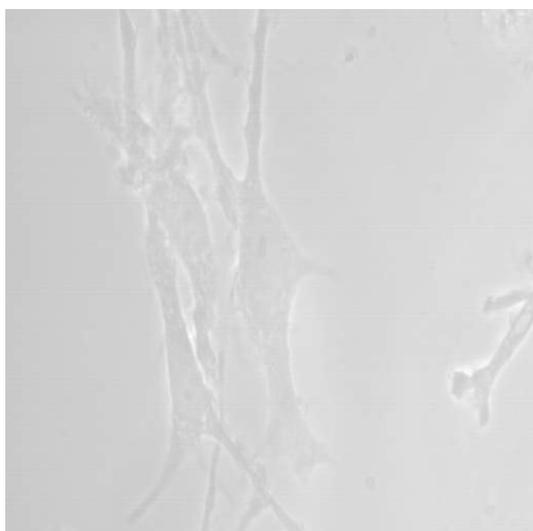


Images from the confocal microscopy analysis of the entry of the FITC-labelled glycodendron $\text{Man}_{16}\text{-G4-K(FITC)}$ (18) in dendritic cells

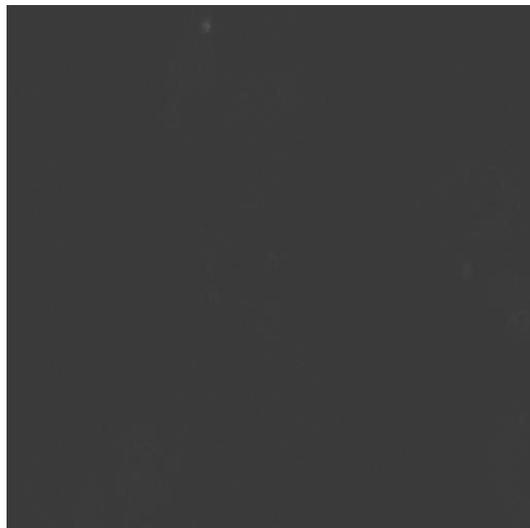
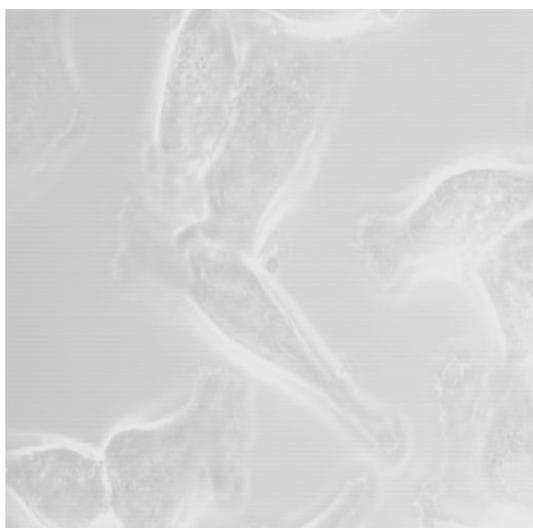
a)



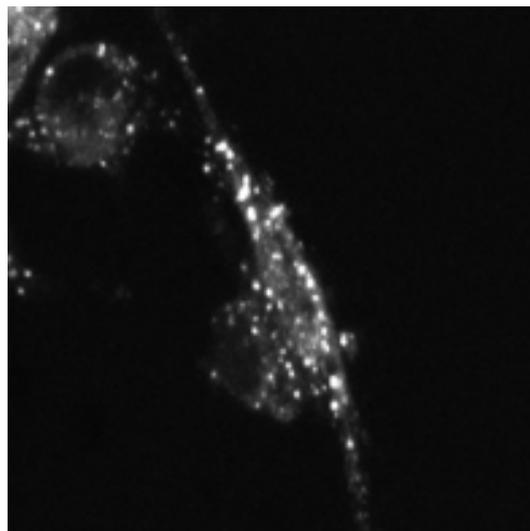
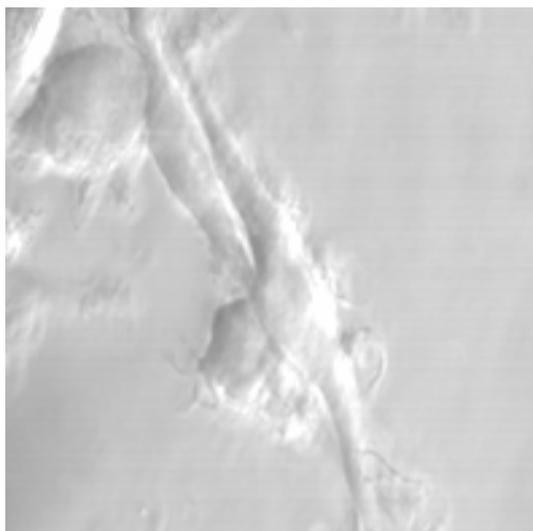
b)



c)



d)



The phase contrasts are shown on the left. (a) Incubation for 1 h at 4°C with 12 (1μM), washing, then 2 h chase at 37°C. (b) Incubation 2 h at 37°C with 12 (1 μM). Incubation for 1 h at 4°C with 12 (1μM), washing, then 2 h chase at 37°C. (c) Negative control: Incubation with HeLa cells under the same conditions as (b). (d) Incubation for 2 h at 37°C with 12 (10μM), washing, then 24 h chase at 37°C.