10.1071/ CH05292_ AC

Accessory Publication: Aust. J. Chem., 2006, 59(9), 633–639.

ACCESSORY PUBLICATION

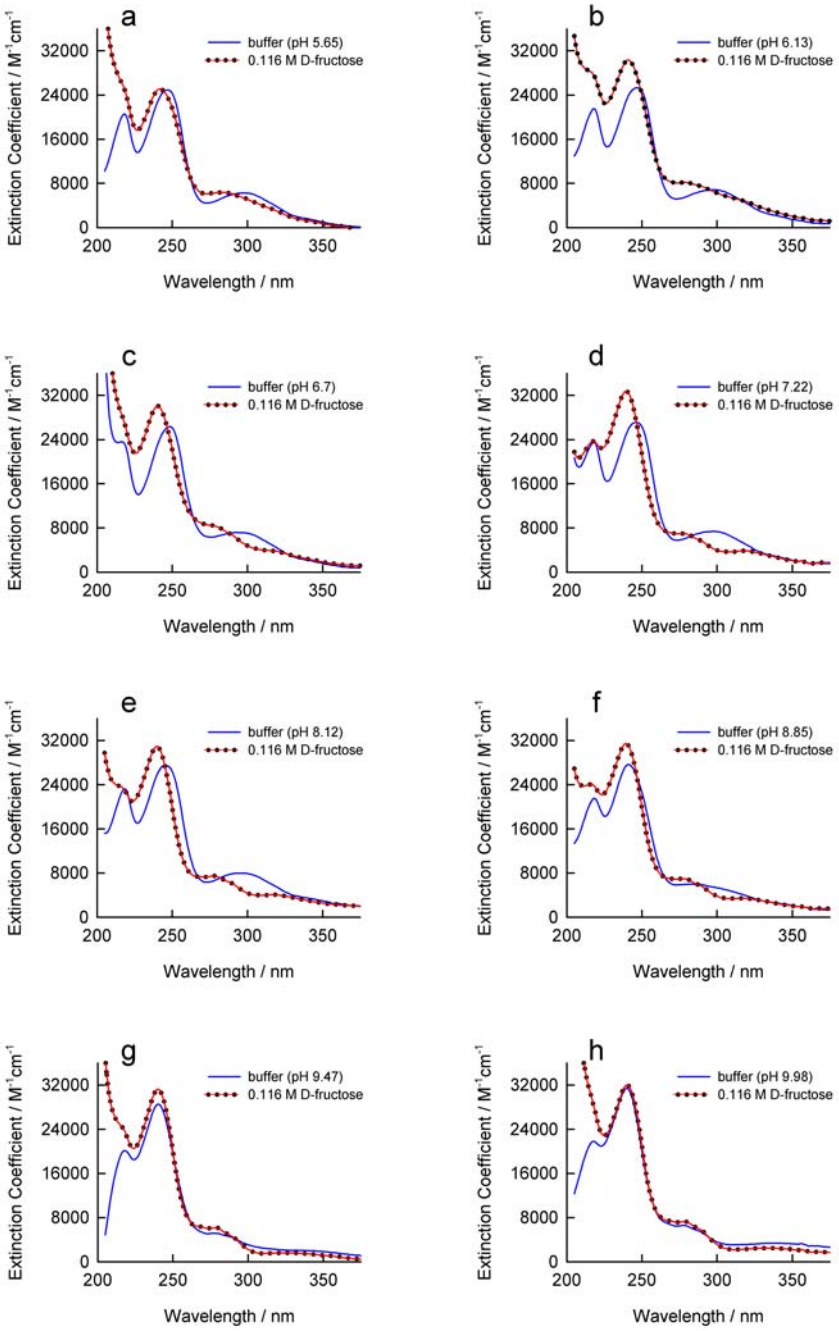

Fig. A1 Effect of D-(−)-fructose (0.116 M) on the absorbance of **7** (5×10^{-6} M) dissolved in 50 mM PB at pH (a) 5.65, (b) 6.13, (c) 6.70, (d) 7.22, (e) 8.12, (f) 8.85, (g) 9.47, and (h) 9.98.

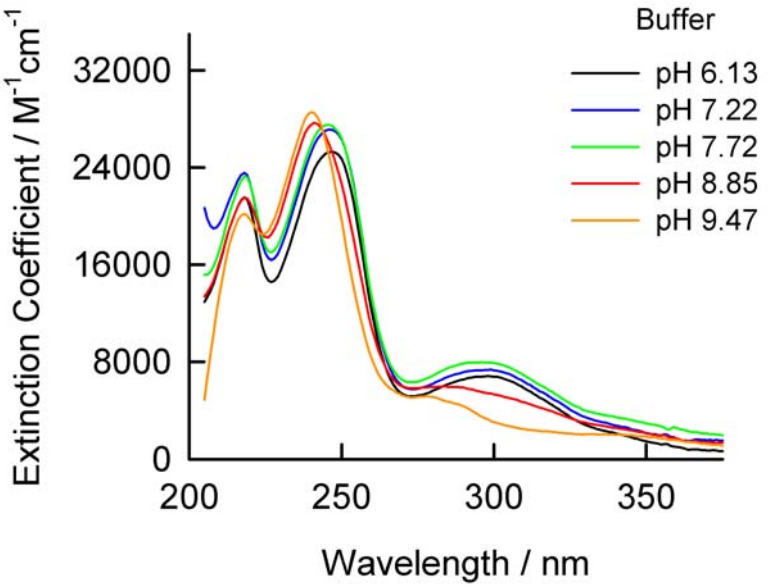

Fig. A2 UV–vis absorption of **7** (5×10^{-6} M) in 50 mM PB as a function of pH.

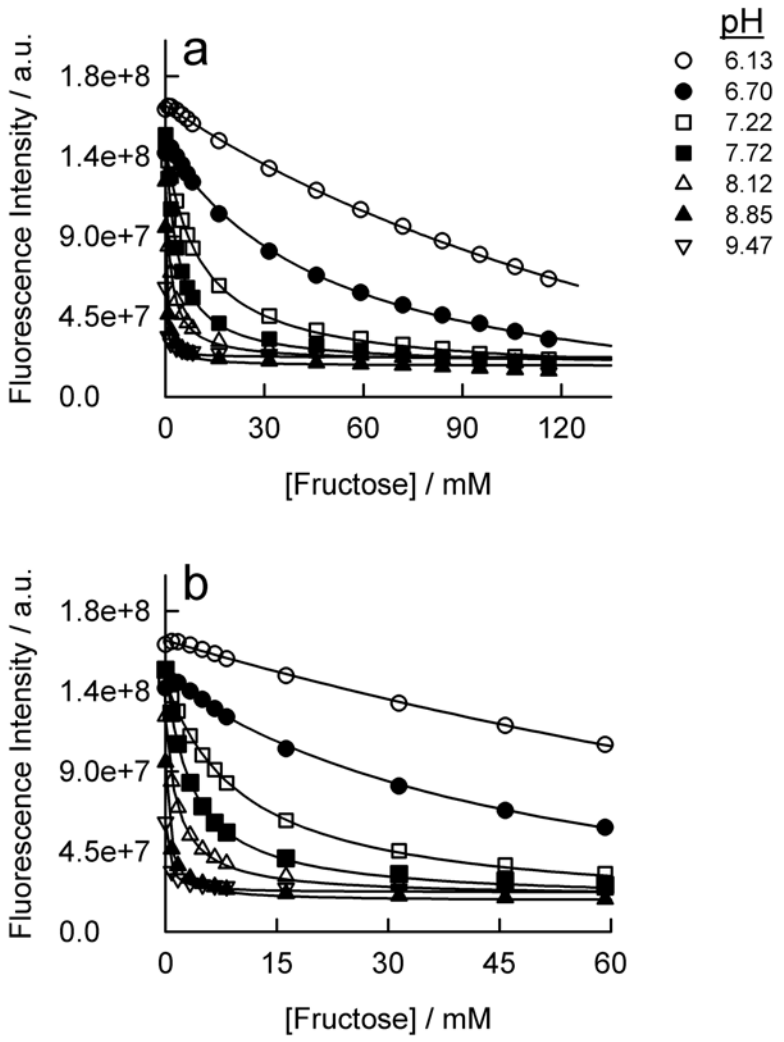

Fig. A3 (a) The integrated fluorescence intensity (from 375 to 500 nm) of **7** (5×10^{-6} M) in 50 mM PB as a function of added D-(–)-fructose for several pH values (λ_{ex} = 300 nm). (b) An expanded view of panel (a) magnifying the 0–60 mM saccharide region.

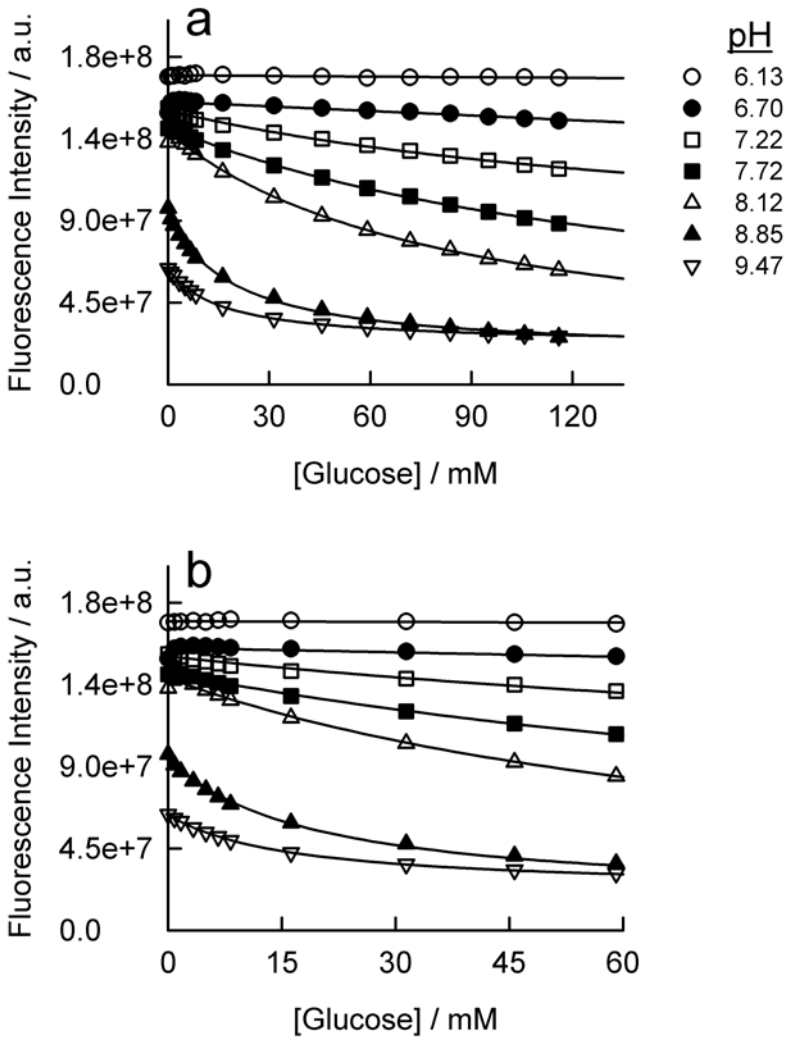

Fig. A4 (a) The integrated fluorescence intensity (from 375 to 500 nm) of **7** (5×10^{-6} M) in 50 mM PB as a function of added D-(+)-glucose for several pH values (λ_{ex} = 300 nm). (b) An expanded view of panel (a) magnifying the 0–60 mM saccharide region.

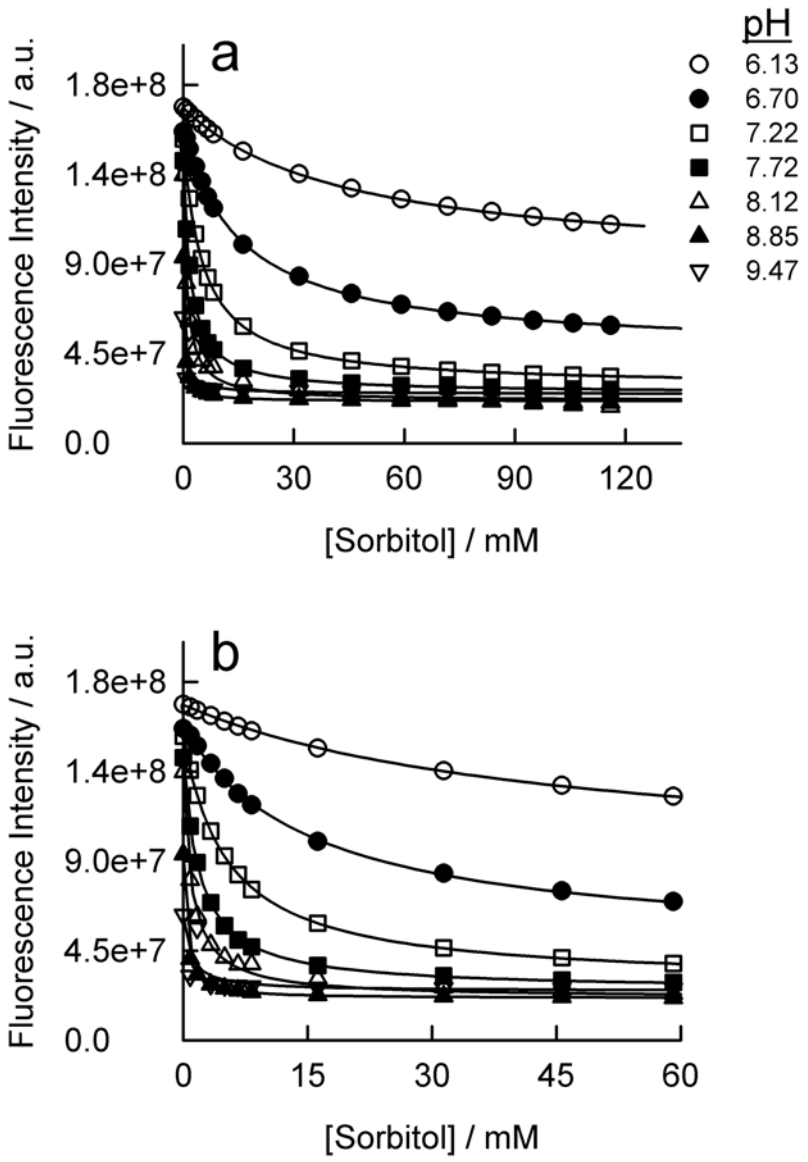

Fig. A5 (a) The integrated fluorescence intensity (from 375 to 500 nm) of **7** (5×10^{-6} M) in 50 mM PB as a function of added D-sorbitol for several pH values (λ_{ex} = 300 nm). (b) An expanded view of panel (a) magnifying the 0–60 mM saccharide region.

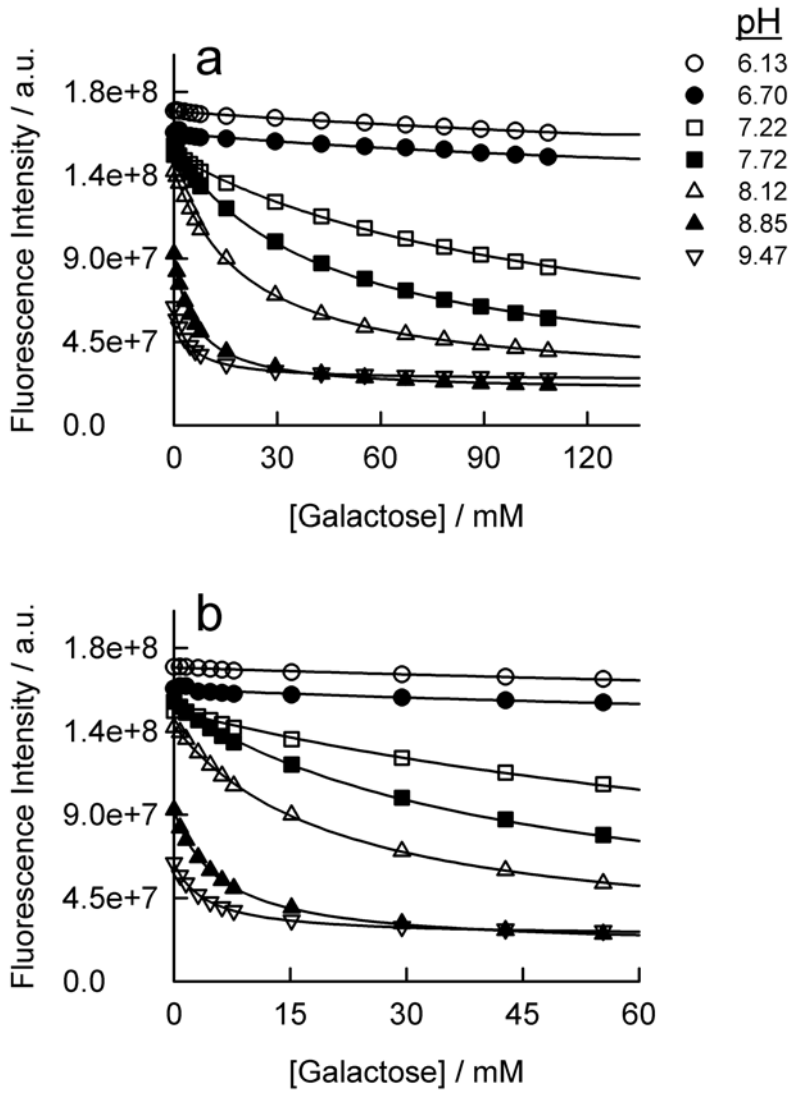

Fig. A6 (a) The integrated fluorescence intensity (from 375 to 500 nm) of **7** (5×10^{-6} M) in 50 mM PB as a function of added D-(+)-galactose for several pH values (λ_{ex} = 300 nm). (b) An expanded view of panel (a) magnifying the 0–60 mM saccharide region.