

Electronic supplementary information (ESI)

Carbosilane Glycodendrimers

by

Ken Hatano*, Koji Matsuoka and Diyo Terunuma

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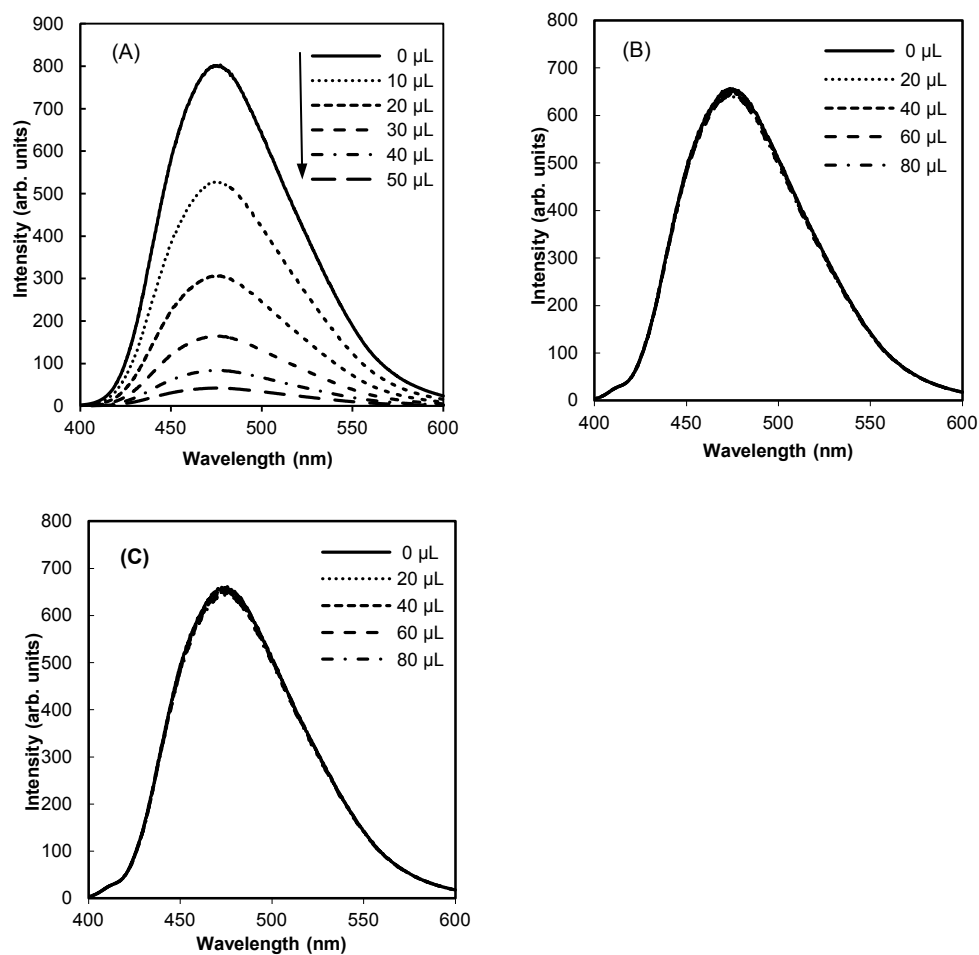


Fig. S1 spectra of **74** in the presence of different amounts of (A): PNA, (B): WGA, (C): blank solution. Concentration of **74**: 0.6 μM in HEPES buffer (5 mM, pH 7.4). Concentration of PNA: 20 μM in HEPES buffer (5 mM, pH 7.4). Concentration of WGA: 40 μM in HEPES buffer (5 mM, pH 7.4). Excitation: 360 nm.

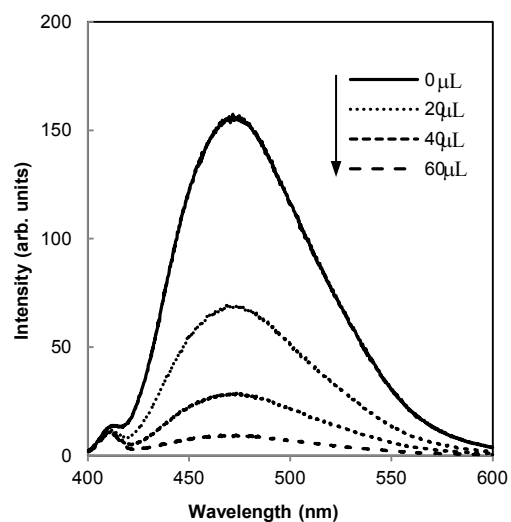


Fig. S2 PL spectra of **75** in the presence of different amounts of Stx1 B.

Concentration of **75**: 0.7 μM in PBS (10 mM, pH 7.4). Concentration of Stx1 B: 1.2 μM in PBS (10 mM, pH 7.4). Excitation: 360 nm.

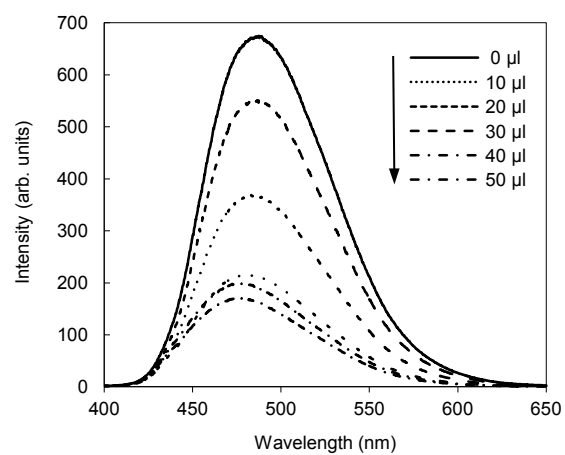


Fig. S3 PL spectra of a mixture of **74** and **76** in the presence of different

amounts of WGA. Concentration of **74** and **76**: both 0.35 μM in PBS (10 mM, pH 7.4). Concentration of WGA: 10 μM in PBS (10 mM, pH 7.4). Excitation: 360 nm.

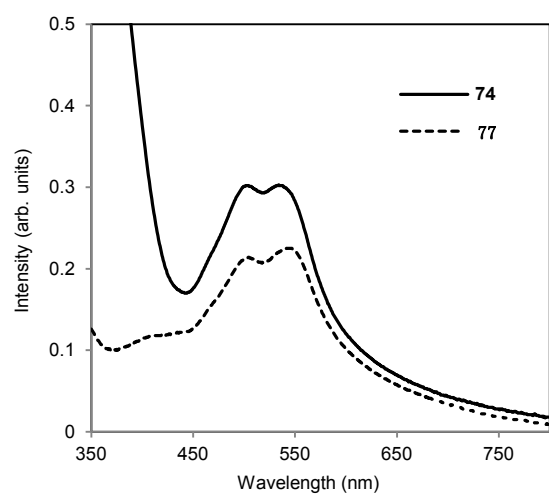


Fig. S4 UV-vis spectra of Orange OT in micelles of **74** and **77**. The concentration of **74** and **77** was 100 μM .