

Supplementary Information

A photo-responsive dendritic hydrogelator having gluconamides as the terminals

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Figure S1 ¹H NMR (400 MHz; DMSO-*d*₆) of hydrogelator **1** before photoirradiation.

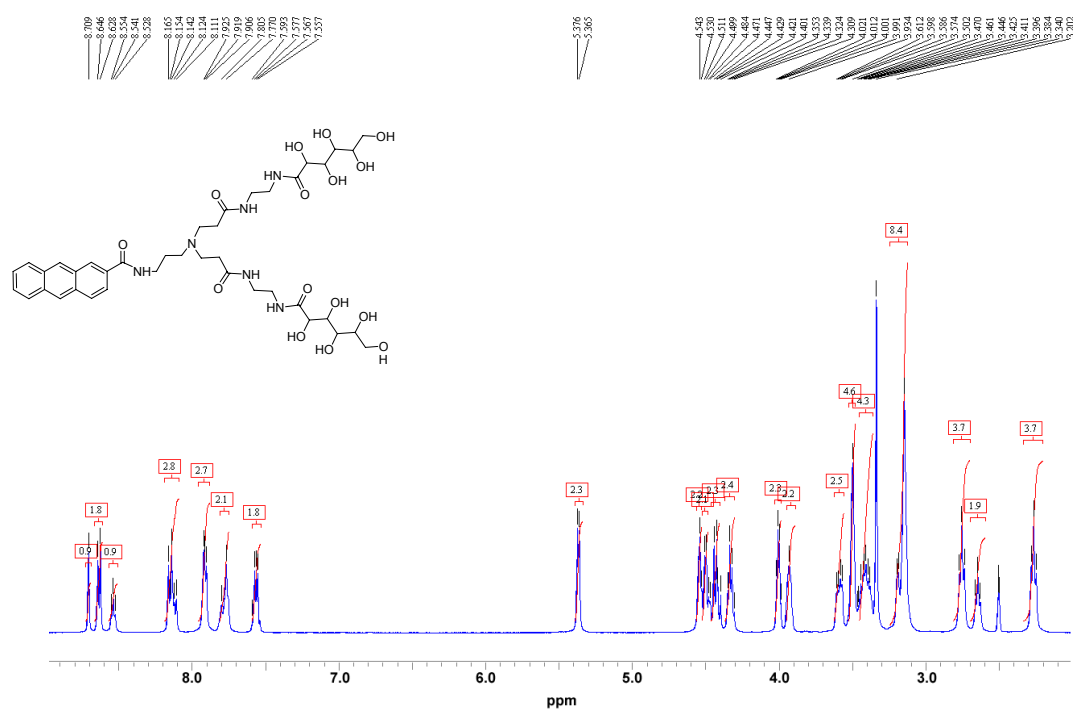
Figure S2 ¹³C NMR (75 MHz; DMSO-*d*₆) of hydrogelator **1** before photoirradiation.

Figure S3 MALDI-TOF-MS spectrum of hydrogelator **1** before photoirradiation.

Figure S4 ¹H NMR (400 MHz; DMSO-*d*₆) of hydrogelator **1** after photoirradiation.

Figure S5 ¹³C NMR (75 MHz; DMSO-*d*₆) of hydrogelator **1** after photoirradiation.

Figure S6 MALDI-TOF-MS spectrum of hydrogelator **1** after photoirradiation.



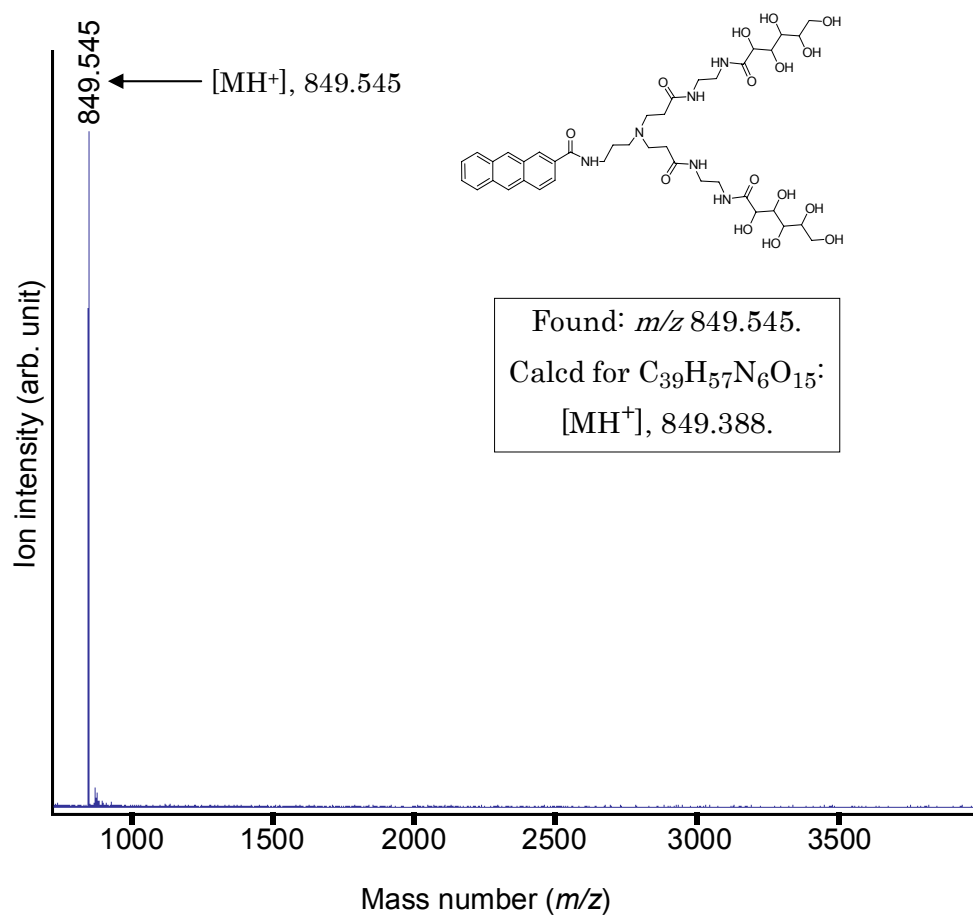


Figure S3 MALDI-TOF-MS spectrum of hydrogelator **1** before photoirradiation.

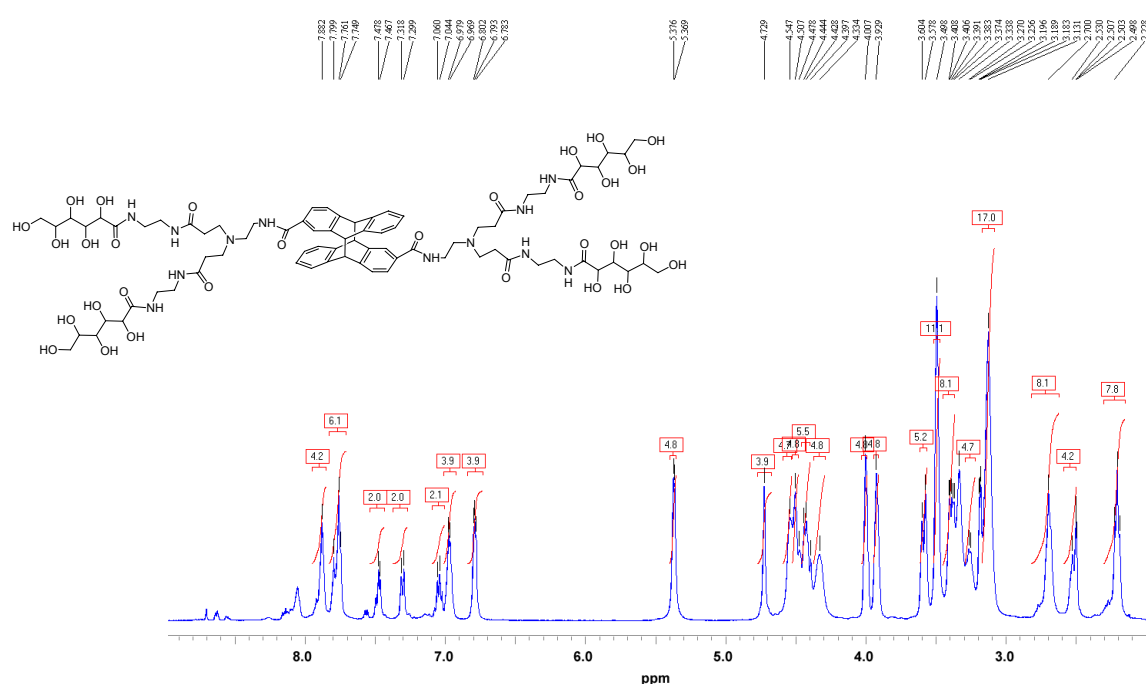


Figure S4 ^1H NMR (400 MHz; $\text{DMSO}-d_6$) of hydrogelator **1** after photoirradiation.

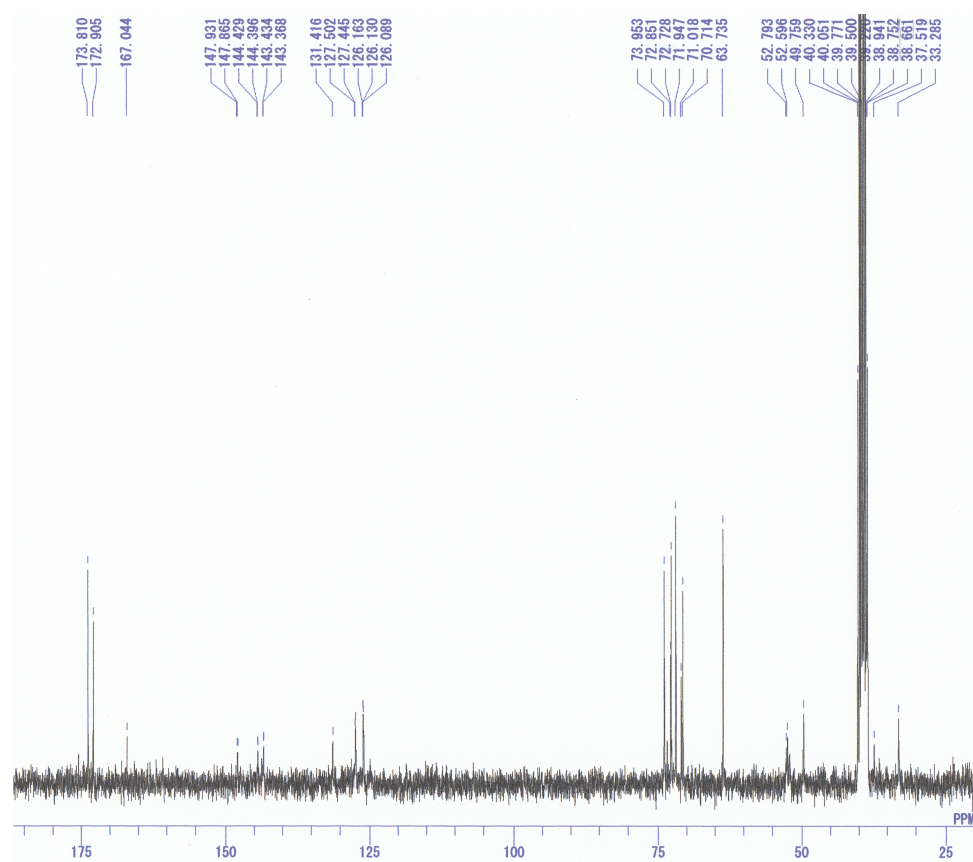


Figure S5 ^{13}C NMR (75 MHz; $\text{DMSO}-d_6$) of hydrogelator **1** after photoirradiation.

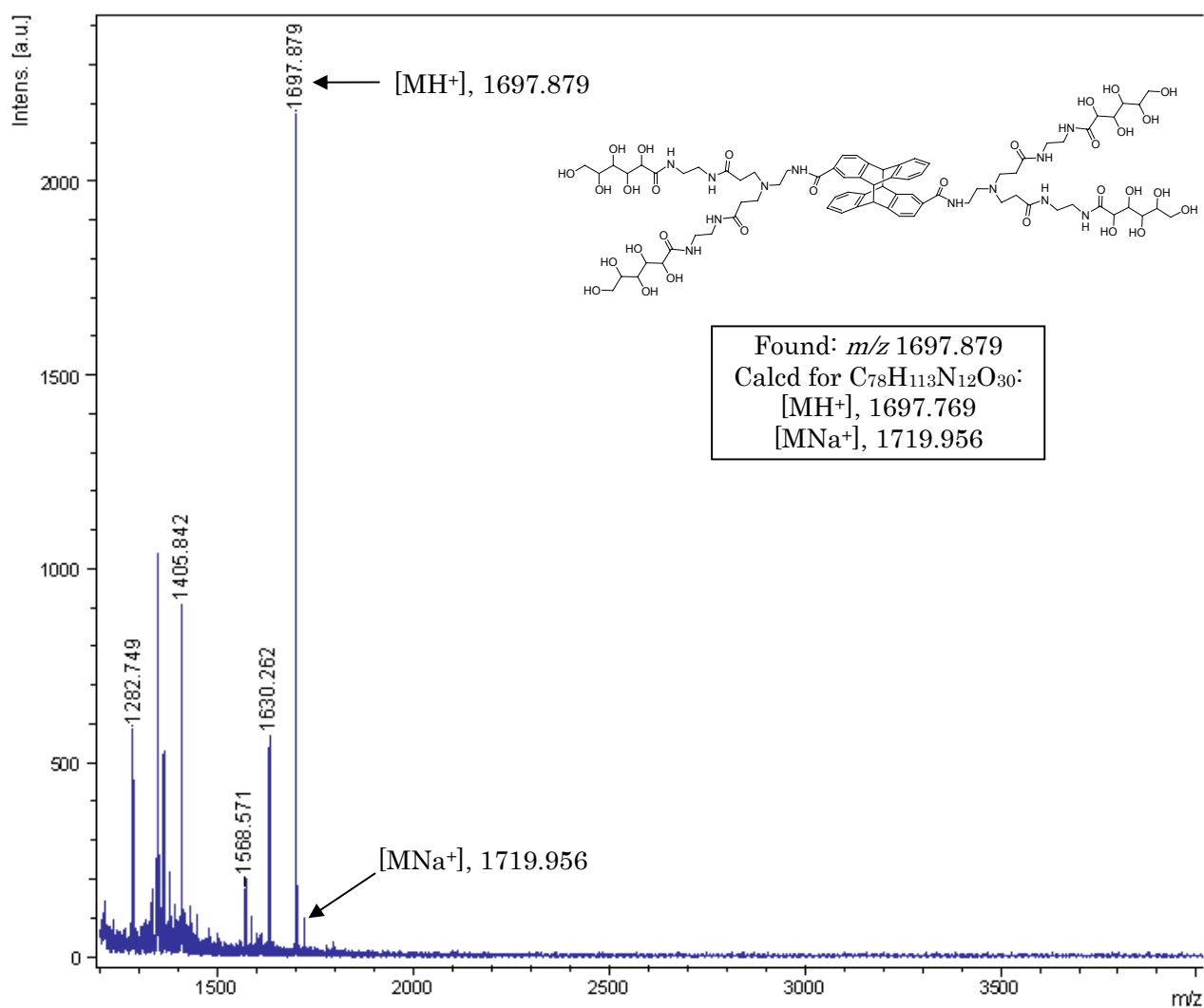


Figure S6 MALDI-TOF-MS spectrum of hydrogelator **1** after photoirradiation.