

Supporting Information for “Light-Responsive Linear-Dendritic Amphiphiles and Their Nanomedicines for NIR-Triggered Drug Release”

Lin Sun¹, Bang-Shang Zhu², Yue Su¹, Chang-Ming Dong^{1,*}

¹Department of Polymer Science & Engineering, School of Chemistry and Chemical Engineering, Shanghai Jiao Tong University, Shanghai 200240, China; ²Instrumental Analysis Center, Shanghai Jiao Tong University, Shanghai 200240, China.

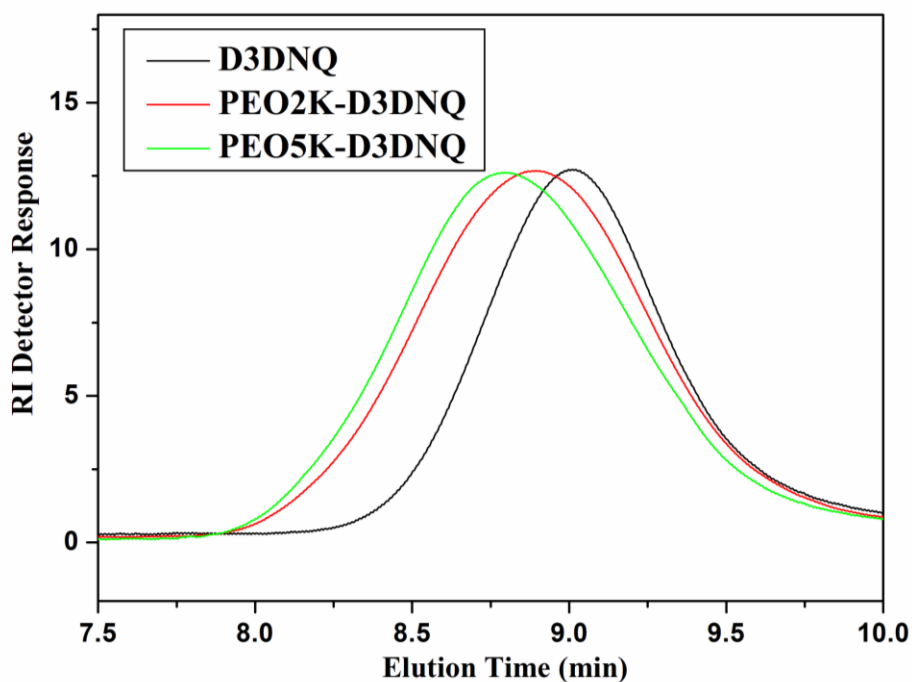


Figure S1. The GPC curves of D3DNQ precursor and the target products PEO-D3DNQ.

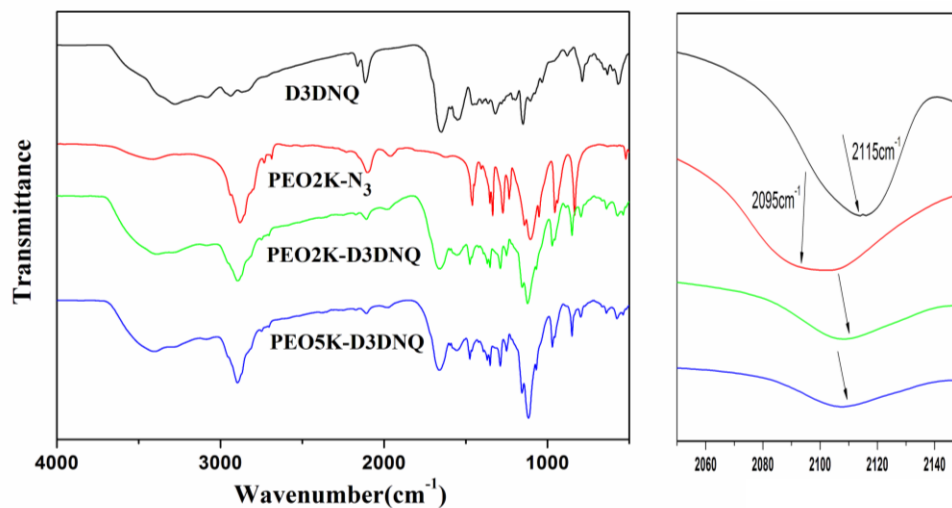


Figure S2. FT-IR spectra of D3DNQ, PEO-N₃ and PEO-D3DNQ.

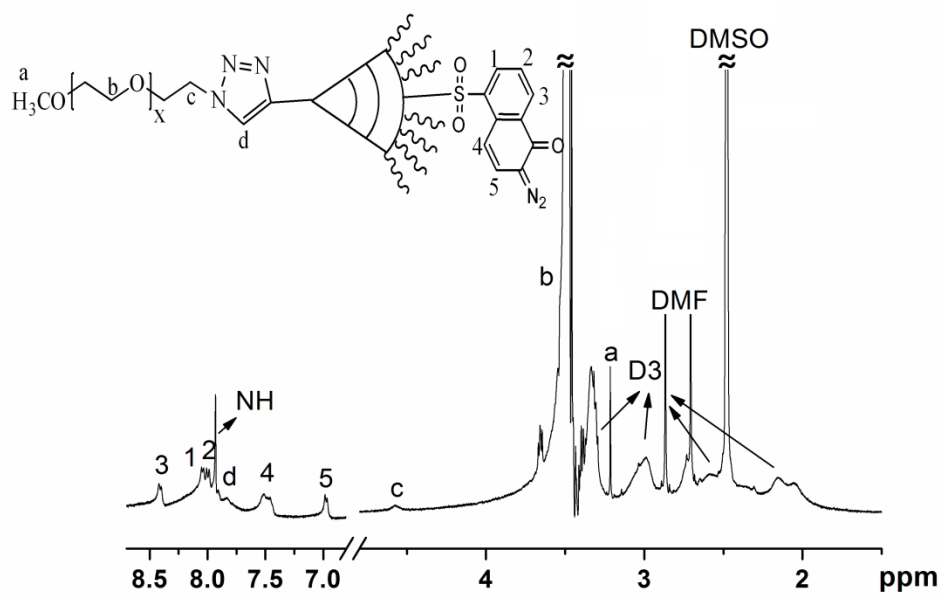


Figure S3. ¹H NMR (DMSO-d₆) of PEO5K-D3DNQ.

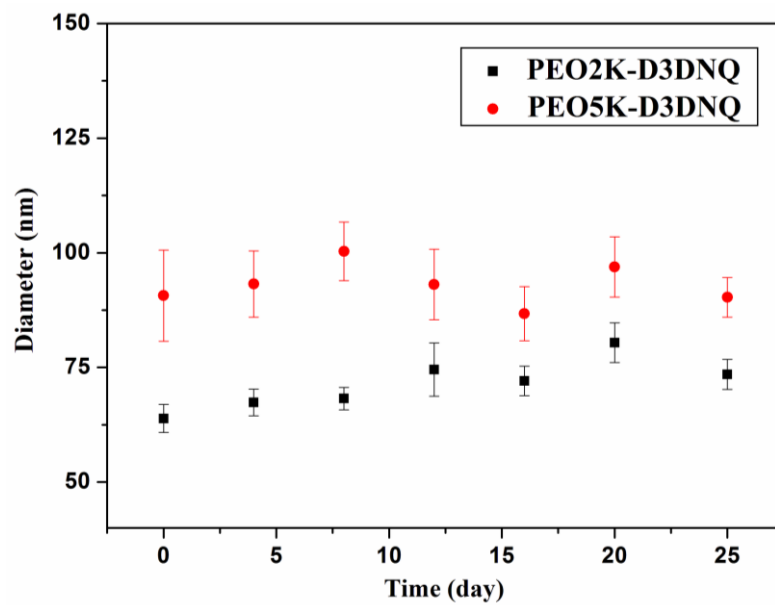


Figure S4. In vitro stability of the self-assembled PEO-D3DNQ micelles in aqueous solution and in pH7.4 PBS at 37 °C.