Supplementary Data

Photosensitized Oxidation of Alkenes with Dendrimers as Microreactors: Controllable Selectivity between Energy and Electron Transfer Pathway

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Figure S1. Structures of the dendrimers generation 1-4
$^1$H NMR spectra of the methyl ester protected dendrimers:

**Figure S2.** $^1$H NMR spectrum (400MHz, CDCl$_3$) of (CH$_3$OOC)$_4$-G1-C dendrimer.

**Figure S3.** $^1$H NMR spectrum (400MHz, CDCl$_3$) of (CH$_3$OOC)$_8$-G2-C dendrimer.
Figure S4. $^1$H NMR spectrum (400MHz, CDCl$_3$) of (CH$_3$OOC)$_{16}$-G3-C dendrimer.

Figure S5. $^1$H NMR spectrum (400MHz, CDCl$_3$) of (CH$_3$OOC)$_{32}$-G4-C dendrimer.