Supporting Information for

Stabilizer-free vitamin E nanovehicle for biological research

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Preparations and Characterizations of Stabilizer-free Vitamin E Nanovehicle

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**Table S1. Summary of characterizations of the VE dispersions A, prepared using 0.4 wt% ethanol solution and pure water as the water medium**

|  |  |  |
| --- | --- | --- |
| **VE** | **r/nm** | **PDI** |
| **DL-**-Toc** | **71.8** | **0.13** |
| **D-**-Toc** | **74.5** | **0.01** |
| **D-**-Toc** | **59.1** | **0.07** |
| **D-**-Toc** | **72.2** | **0.05** |
| **D-**-Toc** | **47.0** | **0.07** |
| **TocToctri** | **45.0** | **0.11** |
| **Toctri** | **67.1** | **0.10** |
| **Toc-Q** | **52.7** | **0.18** |



**Figure S9.** (a) Representative UV–vis absorption spectra with and without the DL-**-Toc dispersion vehicle; (b) A DLS chart after the radical scavenging test



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