

## Electronic Supplementary Information

### **Nanostructural Control of Cup-Stacked Carbon Nanotubes with 1-Benzyl-1,4-dihydronicotinamide Dimer via Photoinduced Electron Transfer**

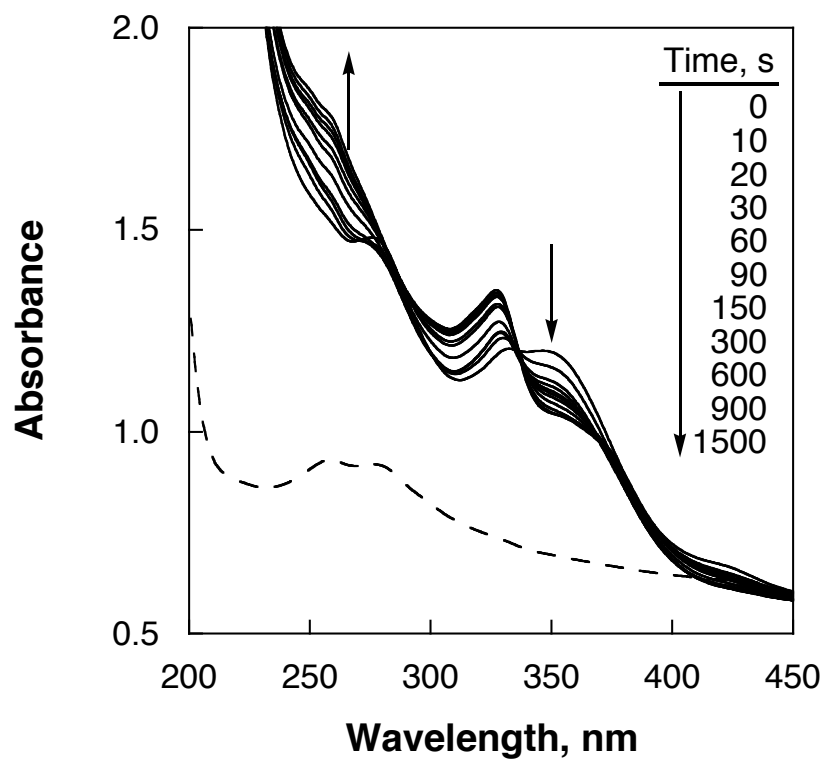
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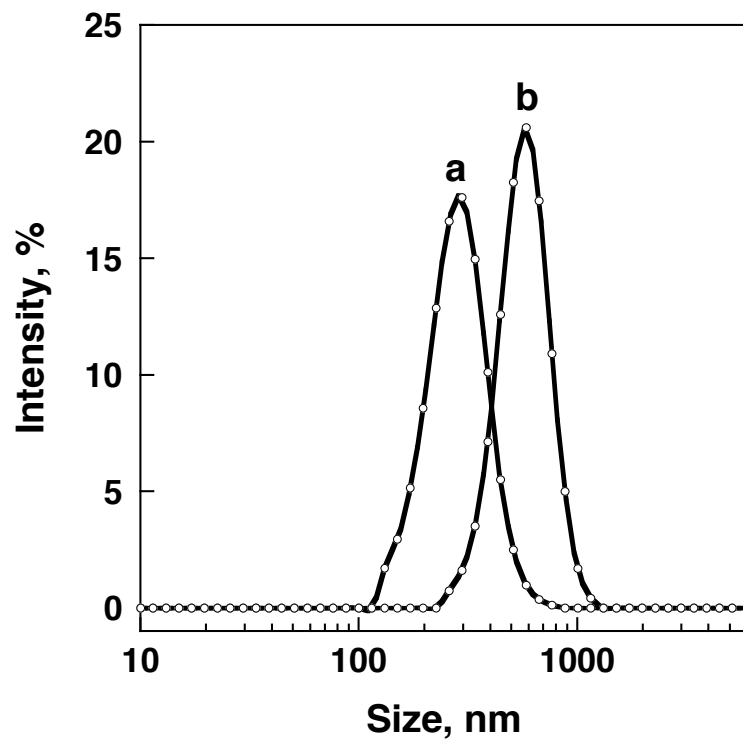
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S1



**Fig. S1** UV-vis absorption spectral change in the photoreduction of CSCNTs with  $(\text{BNA})_2$  in deaerated MeCN (solid lines). The dashed line represents the absorption of CSCNTs.



**Fig. S2** Size distribution diagrams of (a) reduced CSCNTs in deaerated MeCN and (b) recovered CSCNTs after oxidation by oxygen in air-saturated MeCN.