

SUPPORTING INFORMATION

Synthesis and characterization of a multifunctional halloysite nanotubes for pharmacological applications

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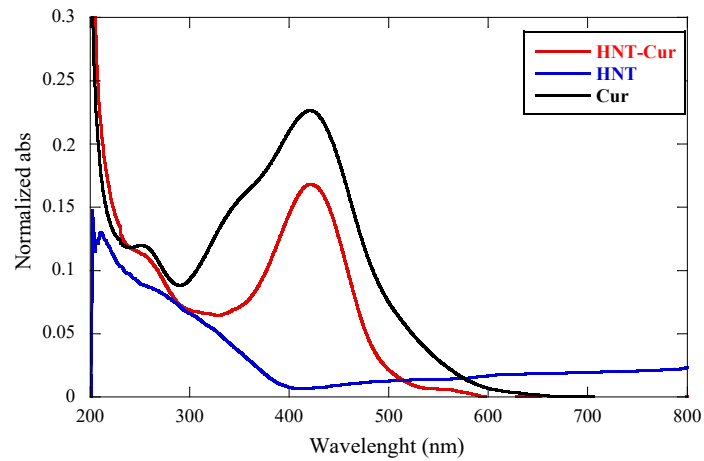


Figure S.1. UV-vis spectra of pristine HNT, HNT-Cur prodrug and Cur.

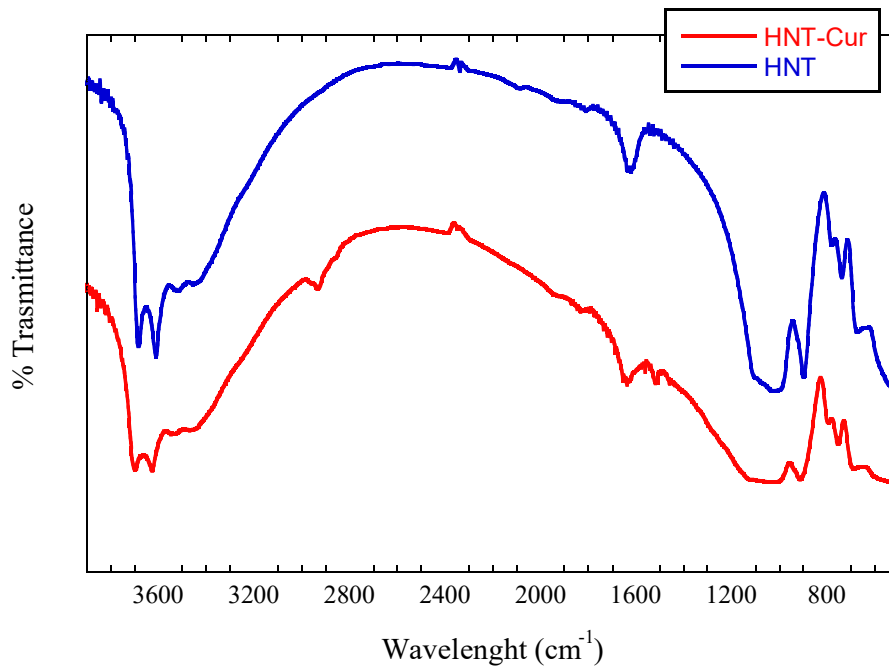


Figure S.2. FTIR spectra of HNT-Cur compound and pristine HNT.

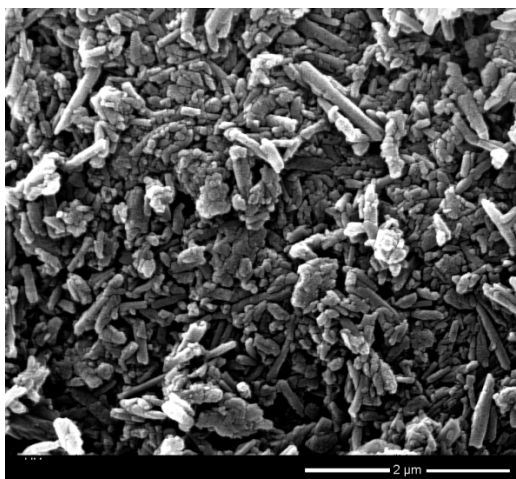
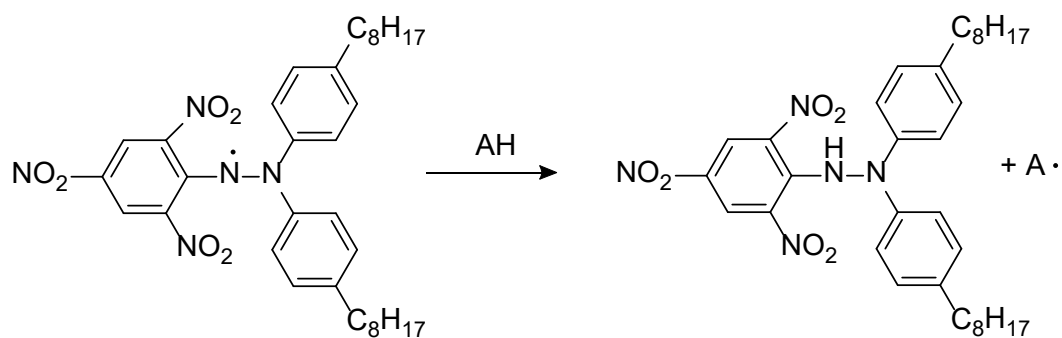


Figure S.3. SEM micrography of HNT-Cur compound.

Table S.1. Drug release kinetic data obtained from curcumin release experiments.

pH	GSH (mM)	k (min^{-1})	n	R^2
1	0	0.6 ± 0.2	0.6	0.992
7.4	10	14 ± 1	0.08	0.982



Scheme S.1. Reduction of the 2,2-di(4-tert-octylphenyl)-1-picrylhydrazyl (oDPPH•) radical to the corresponding hydrazine by an antioxidant.