Supporting Information.

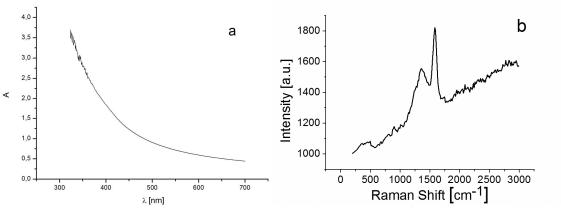


Figure S1. Optical properties of astralen: a - adsorption spectrum of astralen water colloid; b -

Raman spectrum of astralen nanoparticles

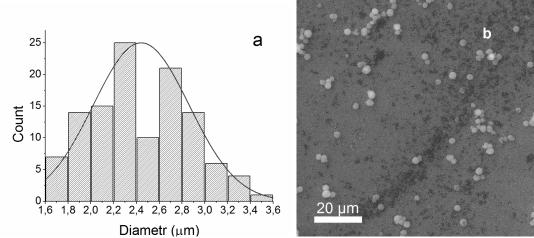


Figure S2. Distribution of CaCO₃ size (a) obtaining by analysis SEM image of calcium carbonate cores (b) using ImageJ (NIH, http://rsb.info.nih.gov/ij/).

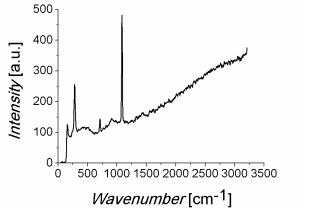


Figure S3. Raman spectrum of CaCO3 cores at 473 nm and laser power of 1 mW.