Electronic Supporting Information

Therapeutic Efficacy of Lactonic Sophorolipids: Nanoceria-Assisted Combination Therapy of NSCLC using HDAC and Hsp90 Inhibitors

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1. Characterization of functional nanoceria by FT-IR spectroscopy.

![FT-IR Spectra](image)

*Figure S1. FT-IR spectra of polyacrylic acid polymer (PAA), PAA-coated nanoceria (PNC) and folic acid conjugated nanoceria (FNC).*
2. Drug encapsulations by UV-Vis spectroscopy.

Figure S2. UV-Vis spectra (normalized) of encapsulated drugs, A) Ganetespib and B) LSL, after digestion of FNC (1.0 X 10^{-3} \text{ mol}) using PBS buffer at pH 5.0.
