

Supplementary Information: New Journal of Chemistry

Effect of α -tocopherol in the physicochemical, antioxidant and antibacterial properties of levofloxacin loaded hybrid lipid nanocarriers

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Figure 1S Effect of homogenization time on Z pot.

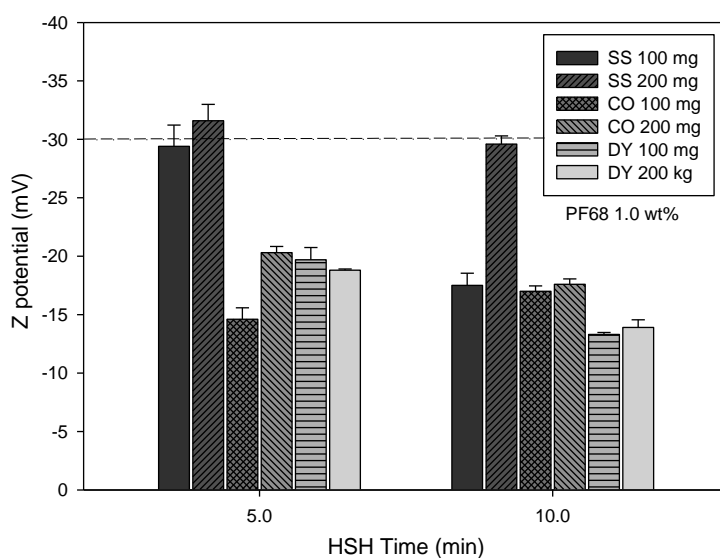


Figure 2S Effect of initial lipid amount on Z pot of SLN

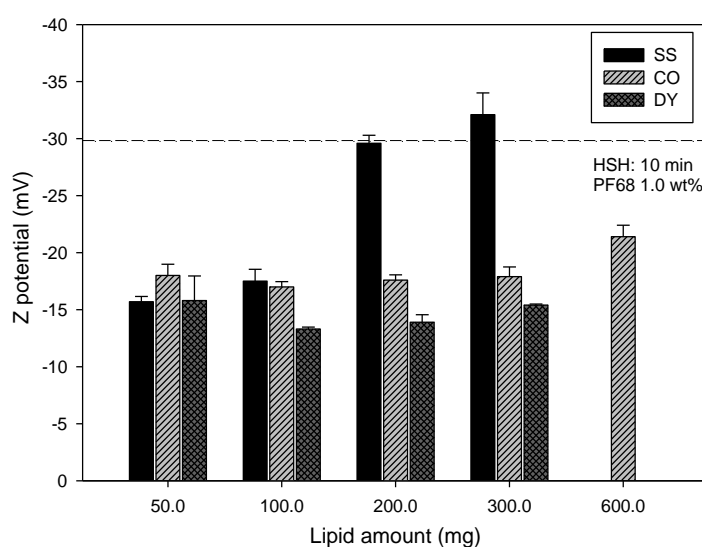
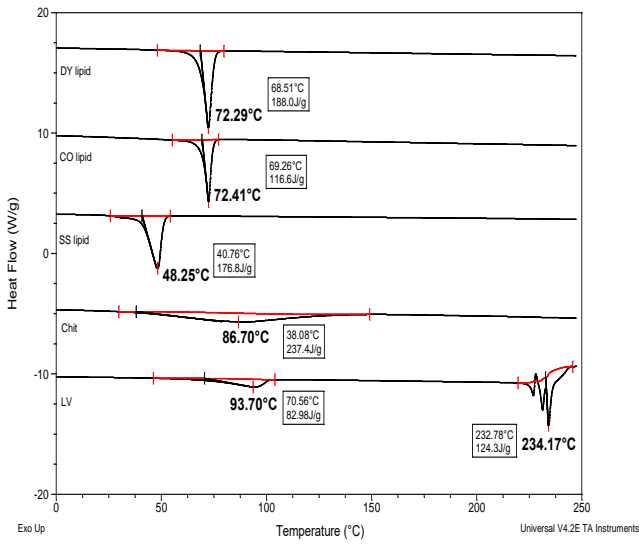
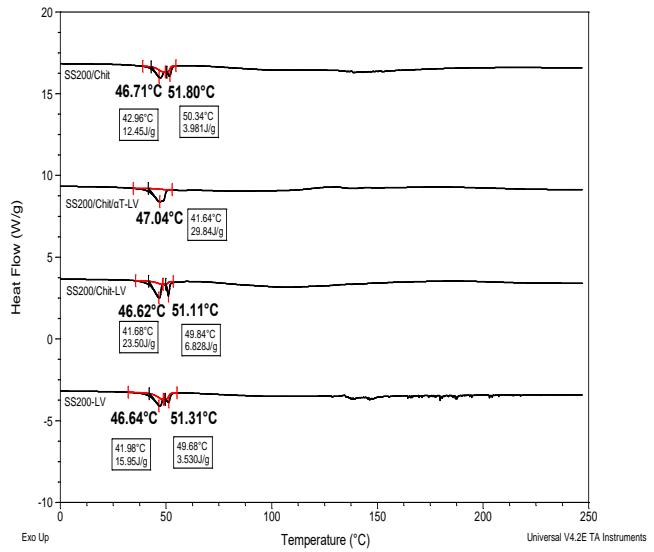


Figure 3S DSC thermograms of the different SLNs/NLCs formulations. Pure components and empty NPs (a); SLNs/NLCs formulations composed of SS (b), CO (c) and DY (d) lipid.

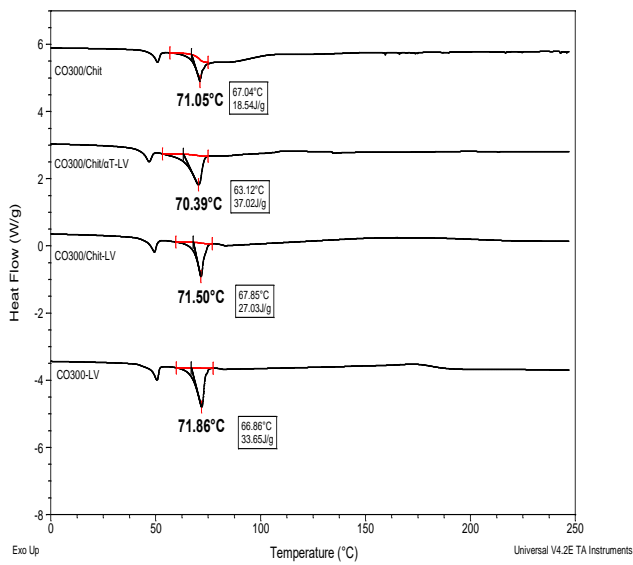
a



b



c



d

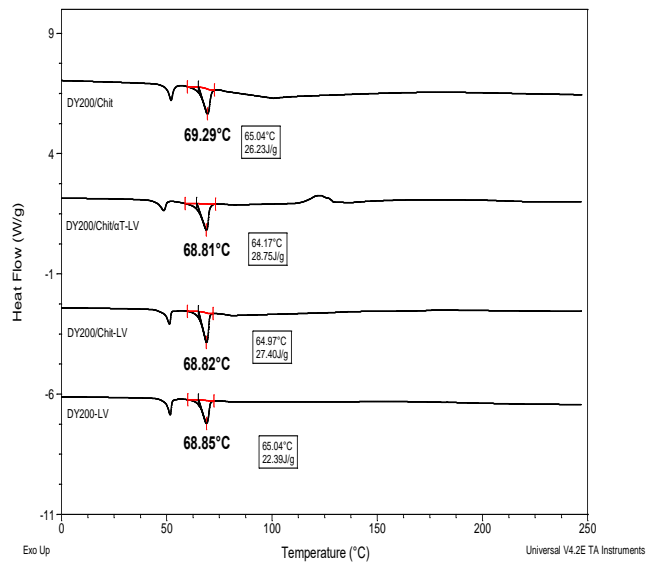


Figure 4S Derivative of the TGA of pure components.

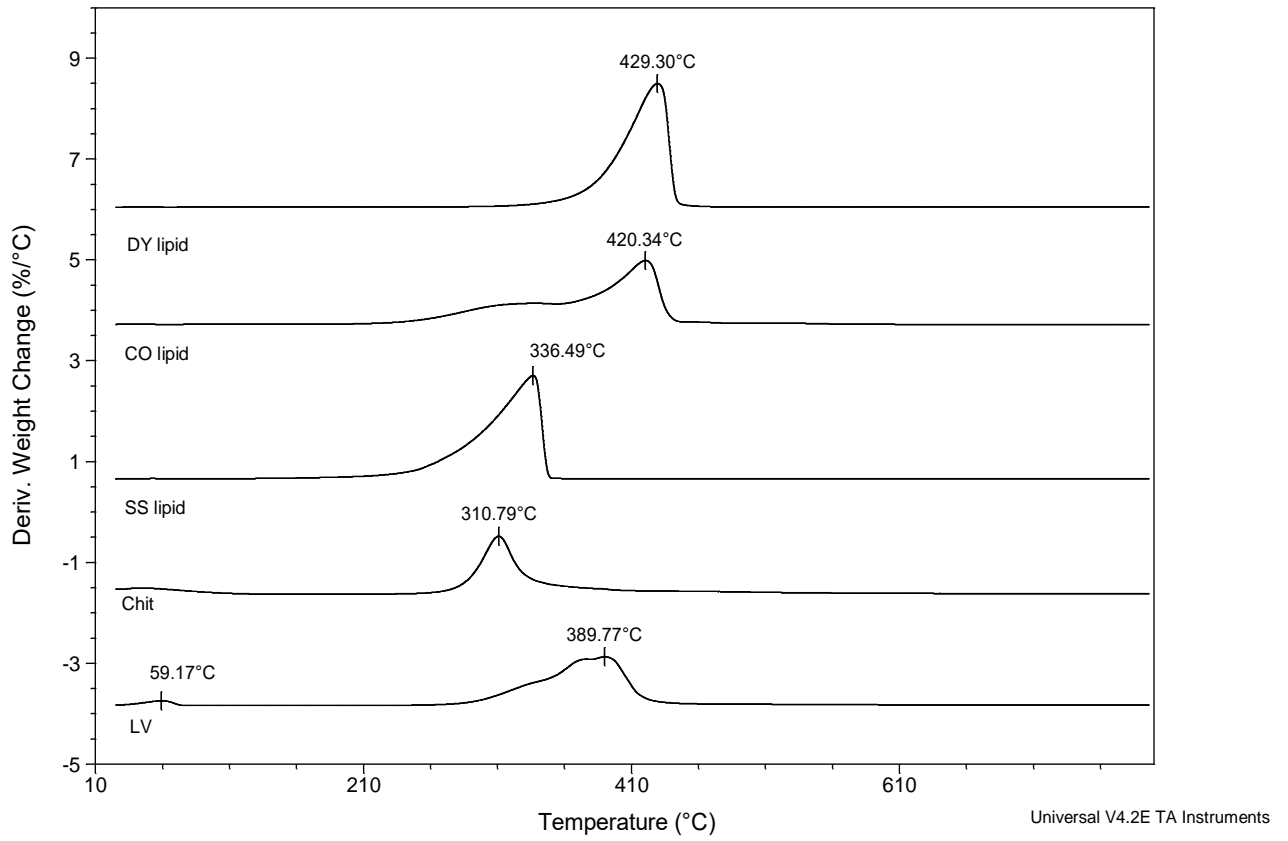


Figure 5S TGA and derive TGA plots of the different SLN formulations: LV loaded SS-SLN (1st row), CO-SLN (2nd row) and DY-SLN (3rd row).

