

CONTACT INFORMATION:

PURPOSE:

loading/entrapment Evaluate the efficiency, stability with synthetic release kinetics and biological fluids and interaction with endosomemimicking membranes of transferrin decorated nanoparticles delivery for targeted of Annonaceous acetogenins (ACGs)

METHODS

Transferrin decorated nanoparticles was formulated



Cumulative drug release = $\frac{[Drug]t}{[Drug]total} \times 100 \dots [3]$

Where [Drug]t refers to the concentration of drug release at time t and [Drug]total is the total amount of drug loaded onto the nanoparticles

Transferrin-Targeted Nanoparticle Delivery of ACGs: Release Kinetics and In-vitro Stability Studies

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RESULTS:



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CONCLUSION

In vitro and in vivo release study confirmed that SLNs system is very suitable to improve oral delivery of poor water soluble drug like famotidine with increased solubility and permeability which in turn enhanced bioavailability

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