عنوان مقاله:
AAT Nanoencapsulaton

محل انتشار:
سومین کنفرانس نانوساختارها (سال: 1388)

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خلاصه مقاله:
The aim of this research is alpha1-antitrypsin (AAT) nanoencapsulation to be increased it's stability . PLGA nanoparticle with 650 nm mean size was produced by “oil/oil emulsification solvent evaporation method” and successfully loaded with AAT during nanoparticle production procedure. The particles were characterized in terms of size, morphology and fourier transform infrared spectroscopy (FTIR) which are followed by in vitro release study of protein. The protein loading was nearly 5%. In summary PLGA nanoparticles could be an effective carrier for AAT protein.

کلمات کلیدی:
Alpha1-antitrypsin; PLGA; Oil/oil method; FTIR

لینک ثابت مقاله در پایگاه سیویلیکا: