

عنوان مقاله:

Preparation of synthetic rotein nanoparticles as drug delivery vehicles

محل انتشار:

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خلاصه مقاله:

Pharmaceuical industry can widly use protein nanostructure because they mimic the drug delivery vehicles such as viruses,at the same time they are non-antigenic and biodegradable. This study objects to manufacture bovine serum albumin (BSA) nanoparticle by coacervation method following by crosslinking with glutaraldehyde. It is shown that the shape of nanoparticles is semispherical and the size distribution of them is 80- 280 nm. The mean size is 150 nm.The .particl size is critical parameter in particular for invivo behaviour of nanoparticles after injection

کلمات کلیدی:

Bovine serum albumin, nanoparticles, coaccervation method, drug delivery system

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