

Development of Piperlongumine Loaded Dendrimers for the Treatment of Cancer

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Abstract

Dendrimer are a nanoscale with a particle size and shape that is optimum for delivering active pharmaceutical agent, radioactive imaging, gene delivery and various other biomedical application. Dendritic nanoparticles as compare to other nanoparticles diverted much more attention toward themselves as a great tool for nano-biomedicine for their biomedical and pharmaceutical applications as they are having advantages like biocompatibility, increase intake by cells because of its structure which resemble to the cancer cell due to which its influx is seen in cancerous cells. There are two approaches for dendrimer synthesis one is Convergent method and second one is Divergent method.

