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(57) Abstract :
The present disclosure pertains to a solid lipid nanoparticle (SLN) for delivery of an active substance in a therapeutically effective amount. In particular, the present disclosure provides a SLN comprising anticancer agent-loaded SLNs surface conjugated with adenosine (ADN-anticancer agent-loaded-SLNs), and a method of preparing the same. ADN in the ADN-anticancer agent-loaded-SLNs target adenosine receptors that are overexpressed in cancer cells, thereby delivering anticancer agent to cancerous brain cells.

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