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### Nanostructured Lipid Carriers: A Novel Drug Delivery System

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**Abstract :** Lipophilic drugs have low oral bioavailability. To enhance the oral bioavailability of the lipophilic drugs lipid matrices have been used for a long time. A third generation lipid matrix was introduced as Nanostructured lipid carrier(NLCs) which is a mixture of solid lipid mixed with some incompatible liquid lipids. NLC remains solid at room temperature or at body temperature. Due to its various advantages it also overcomes the problems of various lipid particulate carriers. It can be easily used as a carrier for drug which is given orally. Also used for a large scale production of drugs. It is a promising delivery which can be used in future for pharmaceutical market.

**Keywords :** Nanotechnology, targeted drug delivery, nanocarriers, NLCs.

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