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Patent Search

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Abstract:

The embodiments of the present invention provide a lipid based composition for improving the delivery of Fisetin at requisite site which is useful in the treatment of melan and related disorders, wherein the composite anticancer lipid based compositions contains at least but not limited to nanostructured lipid carriers (NLC) of Fisetin which of enhanced delivery potential at the requisite site.

Complete Specification

Claims: I/We claim,

1. A lipid based composition for improving the delivery of Fisetin at requisite site which is useful in the treatment of melanoma and related disorders, wherein the composite anticancer nanocarrier comprises of:
a lipid mixture and an emulsifier, wherein the content of the
a anticancer agent whose content is at least 0.1-1% by weight;
2. The composite anticancer nanocarrier according to claim 1, wherein the emulsifier comprises one or more of the but not limited to Tween 80, Poloxamer 407, polyox hydrogenated castor oil, Span 85.
3. The composite anticancer nanocarrier according to claim 1, wherein the content of the nanocarrier complex lipid material in the carrier is at least of 1-10% by weight, the content of the emulsifier is at least of 0.5-5% by weight and the rest is a deionized water.
4. The composite anticancer nanocarrier according to claim 1 wherein the Fisetin based nanocarrier can be administered through means of but not limited to oral, topi or through parenteral route.

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