



ChemTech

International Journal of ChemTech Research

CODEN(USA): IJCRGG, ISSN: 0974-4290, ISSN(Online):2455-9555

Vol.10 No.7, pp918-924,2017

Formulation and Development of Cubosome Loaded Emulgel- A Review.

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Abstract: Cubosomes are nanoparticles in structure which is mainly made of certain amphiphilic lipids in definite proportion, known as bicontinuous cubic phase liquid crystals. They perform solid like rheology with unique properties of practical interest. They are thermodynamically stable and they have carvenous (honeycomb) structure which are tightly packed twisted into three dimensional bilayers. This type of complex structure allows them to have greater drug-loading ability. All other benefits of this type of structural ability cubosomes. Cubosomes have ability to encapsulate the hydrophobic, hydrophilic, amphiphilic substances. Cubosomes can increase the solubility of poorly soluble drug. Cubosomes are mainly can used in melanoma therapy. Emulgel are having better advantage on topical delivery system of hydrophobic drugs for dermal care. In Emulgel the formulation is prepared by one part of emulsion and one part of 1-2% gel. The Emulgelformulation are used for consideration of analgesic and antifungal drugs. Emulgel are very much effective for chronic skin diseases.

Keywords : Cubosomes, Honeycomb, Emulgel, Hydrophobic Drug, Melanoma Therapy, Analgesic and Antifungal Drugs.

S. U. Daware *et al*/International Journal of ChemTech Research, 2017,10(7): 918-924.
