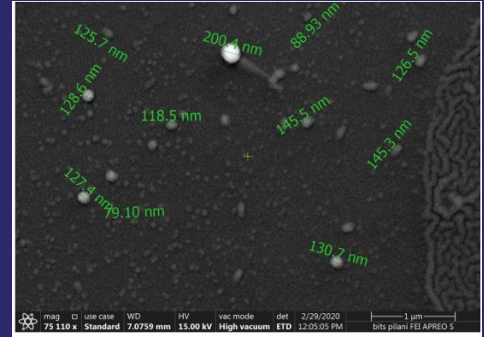


Granted IN434275

Prolyotropic liquid crystals and method for preparing the same



NEED

The need for an efficient controlled drug delivery system arises to facilitate targeted drug delivery and diagnostic applications for various diseases.

SOLUTION

The invention presents a prolyotropic liquid crystal composition capable of forming nanoparticles for controlled drug delivery systems.

INNOVATION

The development of a prolyotropic liquid crystal composition with specific percentages of lipid, surfactant, hydrotrope, and active pharmaceutical ingredient for efficient drug delivery.

MARKET ANALYSIS

Market: Drug Delivery Systems

CAGR: 7%

Potential Indian Clients: Pharmaceutical Companies, Nutraceutical Companies, Cosmetics Industry, Nanotechnology-based Chemical Industries

WHY INVEST?

- Nanoparticles
- Drug delivery system
- Lipid-based
- Amphiphilic



AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC B01J, B32B, G01K, G02F
- Domain
Pharmaceutical Technology



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