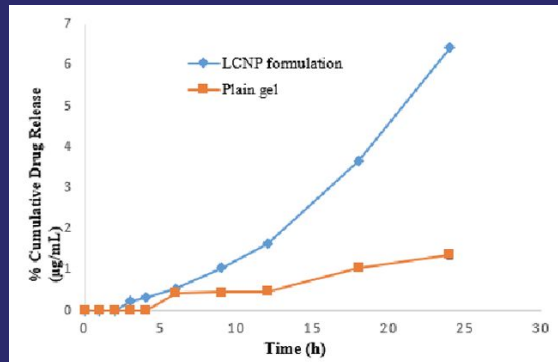


Granted IN396280

# Apremilast loaded liquid crystalline nanoparticles for topical delivery in the treatment of psoriasis



## NEED

There is a need for a carrier system capable of efficiently delivering drug molecules to targeted skin layers to reduce adverse effects.

## SOLUTION

The invention presents a process for preparing lipid-based nanocarriers for drug delivery, particularly for apremilast, enhancing topical treatment effectiveness.

## INNOVATION

Developing a process involving specific temperature-controlled steps to create lipid-based nanocarriers for drug delivery, addressing challenges in targeted topical treatment.

## MARKET ANALYSIS

Market: Dermatological Treatments, specifically Psoriasis

CAGR: Moderate, due to ongoing demand for effective psoriasis treatments

Potential Indian Clients: Dermatology clinics, pharmaceutical companies specializing in skin care products

## WHY INVEST?

Psoriasis

Apremilast

Encapsulation efficiency

Lipid-based



## AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC A61K, A61Q, C07D
- Domain  
Topical Drug Delivery Systems



Gautam Singhvi, Krishna Rapalli Vamshi

Department of, Pharmacy  
BITS Pilani, Pilani Campus

For more information, reach out to (contact person), (designation), (organization) at (email ID) and (phone number)

