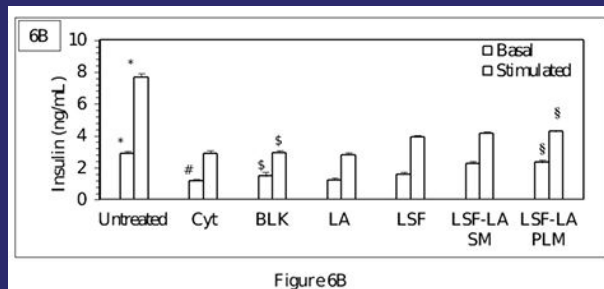


Granted IN395354

# Orally active nanoformulation of lisofylline and composition thereof



## NEED

There's a need for an improved drug delivery system to enhance oral bioavailability and stability while reducing discomfort associated with parenteral administration.

## SOLUTION

The invention presents a biodegradable polymeric nanoformulation for enhanced oral bioavailability and stability, particularly beneficial for treating chronic disorders like Type 1 Diabetes.

## INNOVATION

The invention introduces a novel composition and method for formulating a polymeric nanoformulation, incorporating specific amphiphilic block copolymer and lisofylline-fatty acid conjugate ratios, addressing challenges in drug delivery efficiency and patient convenience.

## MARKET ANALYSIS

Market: Drug delivery systems

CAGR: 9%

Potential Indian Clients: Pharmaceutical companies, research institutions

## WHY INVEST?

Oral bioavailability

Self-assembling

Biodegradable

Thin-film hydration method



## AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC A61K
- Domain  
Pharmaceutical nanoformulation



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