

Granted US20210038612

Mucoadhesive drug delivery system for ocular administration of fluoroquinolone antibiotics

NEED

There's a need for improved compositions and treatment methods using antibiotics that are highly effective against ophthalmic pathogens and less prone to resistance.

SOLUTION

The disclosure presents mucoadhesive pharmaceutical compositions containing fluoroquinolone antibiotics, chitosan, polyvinyl alcohol, and polyvinylpyrrolidone.

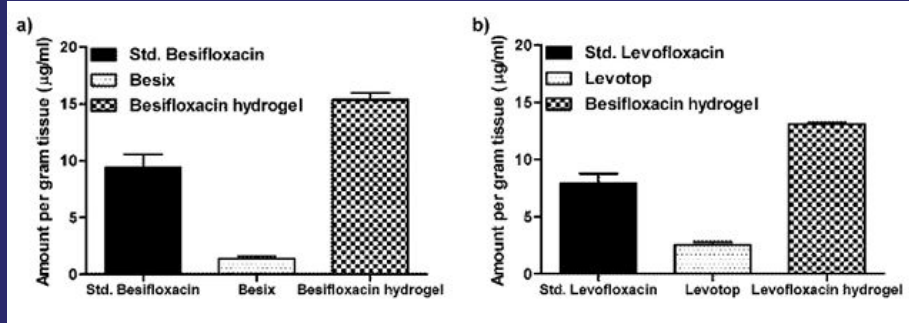
INNOVATION

Developing a pharmaceutical composition with a combination of fluoroquinolone antibiotic, chitosan, polyvinyl alcohol, and polyvinylpyrrolidone for improved treatment of ophthalmic infections.

AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC A61K, A61P
- Domain

Pharmaceutical, Ocular Drug Delivery



MARKET ANALYSIS

Market: Eye Care, Mucoadhesive Drug Formulations

CAGR: Moderate growth, driven by innovations in targeted therapies

Potential Indian Clients: Pharmaceutical companies, eye care clinics

WHY INVEST?

Mucoadhesive

Permeation enhancers

Prodrugs

Hydrogel



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