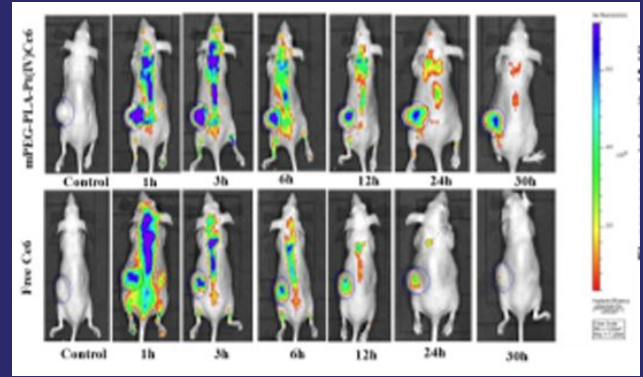


Granted IN202111032226

Polymeric amphiphilic nano-micelles for aerobic chemo-photodynamic therapy and method of preparing the same



NEED

The hydrophobic nature of Ce6 poses a challenge due to its poor aqueous solubility, limiting its pharmacokinetic properties and medicinal applications.

SOLUTION

The invention relates to polymeric amphiphilic nano-micelles for aerobic chemo-photodynamic therapy, providing a solution for improved drug delivery.

INNOVATION

The method involves synthesizing polymeric amphiphilic nano-micelles for aerobic chemo-photodynamic therapy using innovative chemical reactions and conjugation techniques.

MARKET ANALYSIS

Market: Cancer therapy

CAGR: Moderate to high (reflecting the increasing demand for effective cancer treatments)

Potential Indian Clients: Pharmaceutical companies, cancer treatment centers, research institutions

WHY INVEST?

Polymeric amphiphilic nanomicelles

Aerobic chemo-photodynamic therapy

Photosensitizer

Photothermal therapy

AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC A61K, C08L
- Domain Healthcare



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