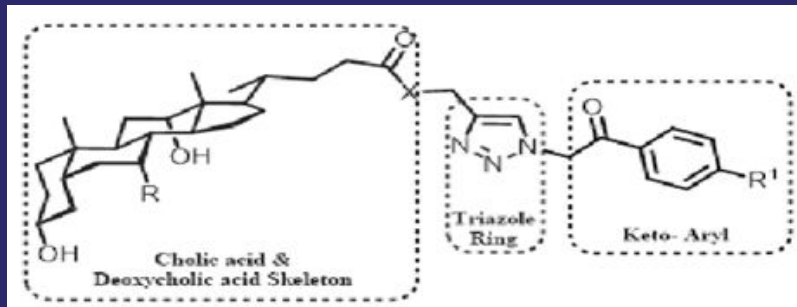


Granted IN456869

Synthesis of new triazolyl linked bile acid aryl ketones



NEED

There is a need for an efficient methodology for synthesizing C-24 functionalized triazolyl linked bile acid-derived aryl ketones in a one-pot multicomponent manner.

SOLUTION

The present disclosure offers a process for synthesizing compounds of formula (I) containing C-24 functionalized bile acid derivatives.

INNOVATION

the novel synthesis method of compounds represented by formula (I), combining C-24 functionalized bile acid, triazolyl moiety, and keto-aryl moiety efficiently, enabling potential pharmaceutical applications with broad economic significance in drug development and healthcare.

MARKET ANALYSIS

Market: Global oncology/cancer treatment market.

CAGR: The global cancer therapeutics market is expected to grow at a CAGR of around 7.2% from 2020 to 2027.

Potential Indian Clients: Sun Pharmaceutical Industries Ltd., Biocon Ltd., Dr. Reddy's Laboratories Ltd..

WHY INVEST?

Synthesis
Endogenous steroids
Bile acid derivatives
Anticancer agents



AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC C07D, C07J
- Domain
Pharmaceutical development,
specifically steroid-based anticancer
agents.

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



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