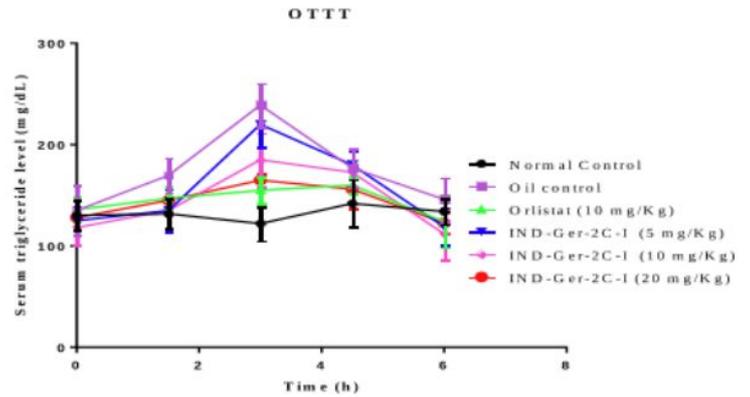


GRANTED

(IN480583)

Thiazolidinedione-indole compounds



NEED

The technology provides a novel class of thiazolidinedione-indole compounds for pharmaceutical applications, focusing on diverse functional groups to improve efficacy in treating diseases.

TECHNOLOGY OVERVIEW

The patent outlines a synthetic method for producing thiazolidinedione-indole derivatives with various substitutions, yielding compounds with potential for therapeutic applications, particularly in drug discovery.

TECHNOLOGY KEY FEATURES

It offers a range of unique thiazolidinedione-indole compounds with specific functional groups that enhance bioactivity, providing novel leads for drug development in pharmaceutical R&D.

[Read more here](#)

Technology is available for licensing/ co-development.

Reach out to Prof. Deepak Chitkara, Coordinator, BITS Technology Enabling Centre, BITS Pilani Contact Details: tec.bits@pilani.bits-pilani.ac.in, 91 1596-255913

MARKET ANALYSIS

The global pharmaceutical market is expected to grow at a CAGR of 6.1% from 2023 to 2033, driven by increasing demand for novel drug compounds, particularly in oncology and metabolic diseases (source: Statista). The Indian pharmaceutical industry is projected to reach \$130B by 2030.

Target Industries

1) Pharmaceutical R&D firms focused on drug discovery, 2) Biotechnology firms researching therapeutic compounds, 3) Chemical synthesis firms specializing in novel compound development.

AT A GLANCE

- SDG 3 (Good Health and Well-being), SDG 9 (Industry, Innovation, and Infrastructure), SDG 12 (Responsible Consumption and Production)