

Original Article

DESIGN AND CHARACTERIZATION OF RALAZIFENE HCL FOR TOPICAL DELIVERY

Rathod Pradeep¹, Raju Bathula², Rama Devi Kyatham^{3*}, Hemalatha sattu⁴

¹Anurag University, Hyderabad

²Associate Professor, Department of pharmaceutical chemistry, Swamy Vivekananda Institute of Pharmaceutical sciences, Vangapally, Yadadribhuvanagiri

³Associate Professor, Anurag University, Hyderabad, Telangana, India

⁴Professor, HOD of pharmaceutical chemistry, pharmaceutical sciences, Sarojini Naidu Vanita Pharmacy Maha Vidyalaya, tarnaka, Hyderabad.

Received on: 18-11-2023

Revised and Accepted on: 31-12-2023

ABSTRACT

Autoimmune disease in itself is a very broad term, which includes the several diseases, which are generally caused by the improper functioning and working of the human's immune system. Here antibodies are produced by the person's own immune system which starts to destruct the individual's own cells and tissues. There may be the several reasons, which lead to the occurrence of autoimmune diseases. Body's immune system identifies some part of the body as the pathogen and therefore starts attacking it. Autoimmune disease can be limited to the tissue or to the whole organ. (Page et al. 2011) As we know the there is generally the misguidance attack on the body, which causes the destruction of the bossy cells and tissues. Around 80 different types of the autoimmune diseases are studied as they may attack any tissue or any organ of the body.

Key words: Autoimmune diseases, topical delivery & Ralazifene.