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(57) Abstract :

AN ANTI-INFLAMMATORY COMPOSITION CONTAINING BIOLOGICALLY ACTIVE INDOLE ALKALOID VINDOLIN EXTRACT ISOLATED FROM VINCA ROSEA AND A METHOD THEREOF ABSTRACT An anti-inflammatory composition and a method of isolating biologically active indole 5 alkaloid Vindolin extract from vinca rosea is disclosed. The indole alkaloid Vindolin extract circumvents neuro inflammation symptoms associated with one or more diseases, reduces inflammatory marker TNF- α secretion. The method includes mixing (402) a dried and powdered plant material of about 25 g of Vinca Rosea plant with ethanol (96%) through overnight maceration at about 55 °C. The method further includes filtering (404) the powdered plant material by using a filter paper and repeating the mixing till the powdered plant becomes colourless, wherein a rotary evaporator is used to evaporate the ethanolic extract to dryness. The method further includes redissolving (406) the obtained green extract containing chlorophyll and alkaloids in 25ml ethanol, diluting with double distilled water, and acidifying with 3% HCl at pH 15.1. FIG. 4

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