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Patent Search

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| Invention Title | A SKIN LIGHETINING AGENT INHIBITING DENDRITE ELONGATION FROM CROTALARIA MEDICAGINEA LAM |
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Abstract:

Dendrite elongation inhibitor for melanocytes and their cosmetic and/ or dermopharmaceutical compositions for lightening the colour of the skin wherein the active ingre comprises effective stilbene derivatives of Formula 1 preferably tetramethoxy piceatannol of Formula 2 in effective amounts along with cosmetically acceptable vehicles w without skin benefit agents. The active ingredient may be preferably also isolated from the plant parts of Crotalaria medciaginea Lam.

Complete Specification

FIELD OF THE INVENTION

The present invention relates to skincare agents and cosmetic skin lightening agents and particularly relates to selective stilbene based skincare agents and cosmetic skin lightening compositions containing the same in effective amounts present in combination with or without other skin benefiting agents in the said composition. More particularly, the present invention relates to a simple and cost effective cosmetic/ dermopharmaceutical compositions for external applications to facilitate lightening of skin colour by way of dendrite elongation inhibition comprising said skin care agents either obtained synthetically and/or sourced from appropriate renewable plant sou including Crotalaria medicaginea Lam., as extracts or concentrates. Advantageously, the said extracts/ concentrates are either used singly or in combination with suitable cosmetically/ dermopharmaceutically acceptable vehicles in the said compositions.

BACKGROUND ART

An increase in skin pigmentation over the basal constitutive level is referred to as facultative pigmentation. A major stimulus of facultative pigmentation in humans is UV UVR induced skin pigmentation or tanning as it is commonly known, involves several process like increased proliferation, enhanced tyrosinase expression, increased dendricity and increased transfer of melanin to ease the transfer the melanin keratinocytes.