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(54) Title: A COMPOSITION FOR SELECTIVE SEROTONIN REUPTAKE INHIBITION AND PROCESS THEREOF

(57) Abstract: The present invention relates to a novelsynergistic pharmaceutical composition for serotonin reuptake inhibition, wherein thesaid composition comprises pentacyclic terpenoid glycosides, preferably asiaticoside and madecassoside optionally along with excipients. Also the present invention relates to excipients; a process of preparation of novelsynergistic pharmaceutical composition for serotonin reuptake inhibition, wherein the process comprising steps of: (a) obtaining extract from the plant Centella asiatica; (b) treating the extract with the solvents to remove fatty substances, chlorophyll and other colorants; (c) purifying the extract through HPLC to obtain the eluted solvent; and (d) concentrating the eluted solvent to arrive at the composition. The invention also relates to the composition; and use of a composition comprising pentacyclic terpenoid glycosides, preferably asiaticoside and madecassoside optionally along with excipients to manufacture a medicament for serotonin reuptake inhibition in a subject in need thereof.



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