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

(57) Abstract: The present invention relates to a novel synergistic pharmaceutical composition for serotonin reuptake inhibition, wherein the said composition comprises pentacyclic terpenoid glycocides, preferably asiaticoside and madecassoside optionally along with excipients. Also, the present invention relates to excipients; a process of preparation of novel synergistic 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 glycocides, preferably asiaticoside and madecassoside optionally along with excipients to manufacture a medicament for serotonin reuptake inhibition in a subject in need thereof.