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(57) Abstract :

The present invention relates to a pharmaceutical formulation for transcranial delivery comprising antidepressant. Specifically, the present invention relates to a drug delivery carrier biopolymer isolated from Colocasia esculenta for effective delivery of antidepressants. More specifically, the invention relates to a bio thin film of Colocasia esculenta biopolymer loaded with the nanosized antidepressant; and a method of preparing the same.

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