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(57) Abstract :

TITLE: A SKIN PROTECTIVE FORMULATION FOR PROTECTION FROM UV RAYS APPLICANT: ANNAMALAI UNIVERSITY ABSTRACT The present invention discloses a skin protecting active ingredient bioavailable formulation exhibiting enhanced skin permeability and bioavailability for protecting skin. The skin protecting active ingredient formulation of the present invention comprises of combination of therapeutically effective amount of active ingredient quercetin and surfactant ammoniumdodecyl sulfate along with pharmaceutically acceptable carrier. The formulation of the present invention configured to penetrate only the active ingredient and not the surfactant as the surfactant exhibits strong micellization at lower concentration with the active ingredient due to additional hydrogen bonding.

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