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(57) Abstract :

ABSTRACT: Title: A Composition of a Transdermal Patch for Verrucae Vulgaris and Acne Treatment and Method Thereof The present disclosure proposes a composition of a transdermal patch (100) that utilizes a combination of natural plant extracts and modern drug delivery technology to enhance therapeutic efficacy and ensure prolonged drug release for Verrucae vulgaris and acne treatment. The composition comprises 0.5 to 1 weight percent of a drug T.occidentalis salicylic acid (TOSA) (102), 1 to 2 weight percent of a bioactive polymer (104), 0.1 to 0.6 weight percent of a synthetic polymer (106), 0.1 to 0.6 weight percent of a plasticizer (108), 40 to 46 weight percent of a solvent (110), 0.1 to 0.6 weight percent of a penetration enhancer (112), 40 to 46 weight percent of distilled water (114), and 3 to 5 weight percent of glycerol (116). The transdermal patch (100) is cost-effective and enhances bioavailability, patient convenience, and adherence.

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