

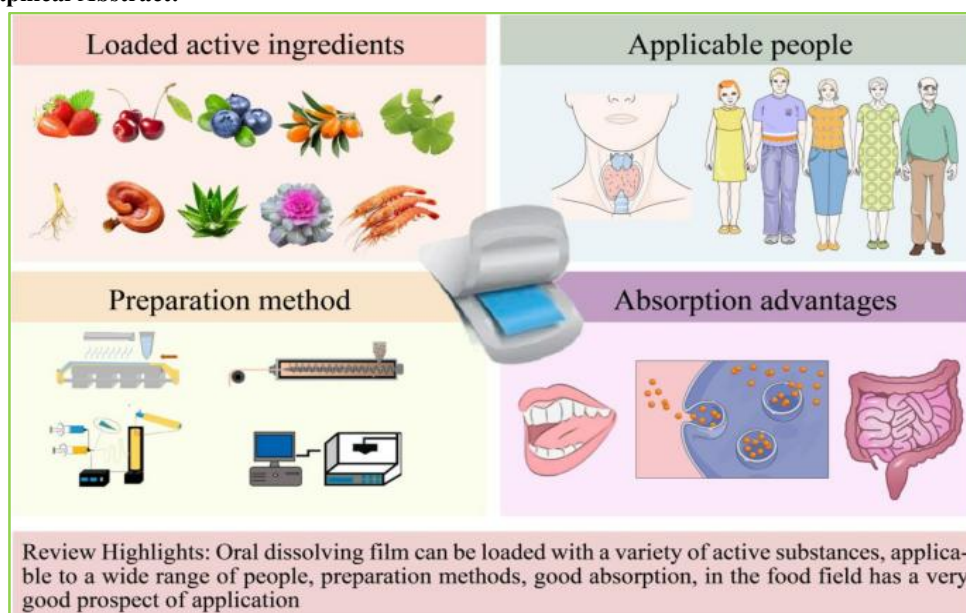
A Review on Formulation and Evaluation of Polyherbal Mouth Dissolving Film

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Abstract: Mouth ulcers, also known as aphthous ulcers, are painful sores in the oral cavity that affect daily activities like eating and speaking. Conventional treatments often provide only temporary relief and may cause side effects with long-term use. Polyherbal mouth dissolving films are an innovative drug delivery system that can deliver herbal medicines directly in the mouth, providing fast relief and improving patient comfort. These films are made using natural plant extracts that have anti-inflammatory, antimicrobial, antioxidant, and wound-healing properties. This review focuses on the formulation, evaluation, and therapeutic benefits of polyherbal mouth dissolving films for treating mouth ulcers. It also discusses the role of polymers, plasticizers, and herbal actives in creating films with good mechanical strength, fast disintegration, and effective drug release. Recent research shows that these films are safe, effective, and patient-friendly. Overall, polyherbal mouth dissolving films represent a promising alternative to conventional treatments, combining the advantages of herbal medicine with modern pharmaceutical technology.

Graphical Abstract:



Keywords: Mouth ulcer, Antioxidants, Plasticizers, Patient Friendly, Conventional Treatment

