

THE EFFECTIVENESS OF TOPICAL CAPSAICIN CREAM IN THE TREATMENT OF PRURITUS: A LITERATURE REVIEW

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Abstract

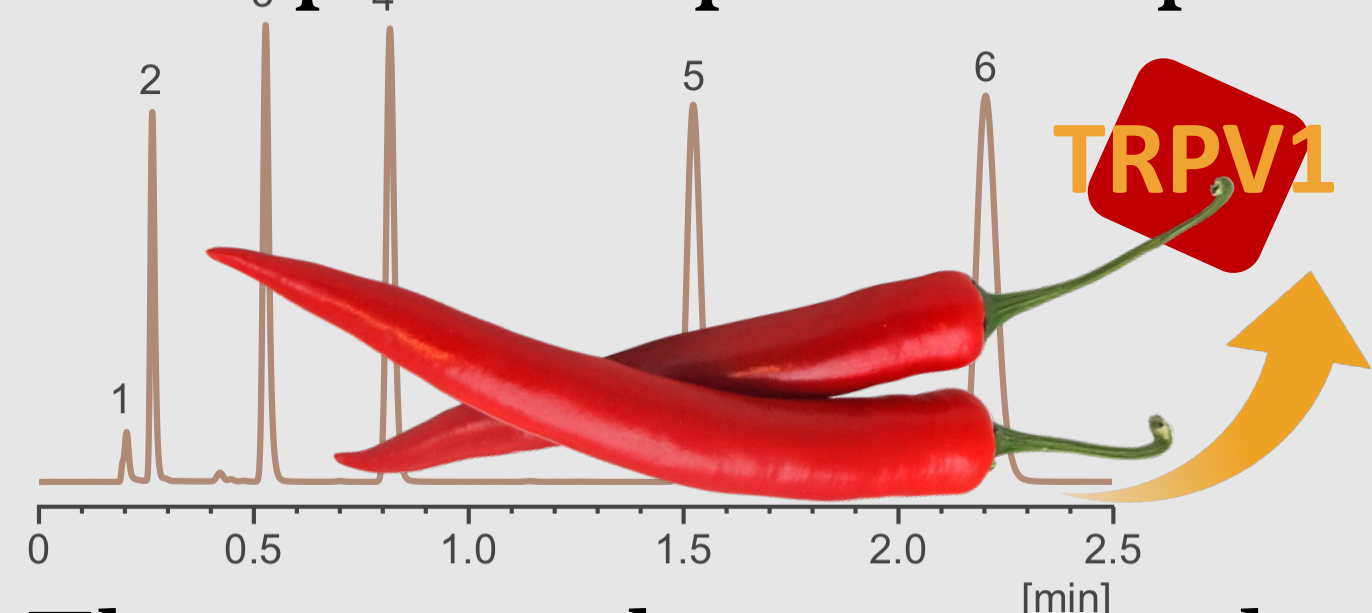
Pruritus also known as itching, is a distressing sensation that can significantly impact an individual's quality of life. Various treatment options have been explored to alleviate itching symptoms, including topical medication. This paper aims to assess the effectiveness of **topical capsaicin cream** in the treatment of itching. In this context, a comprehensive review of the literature was conducted, encompassing relevant studies published from 2000 up to 2023. The findings revealed that topical capsaicin cream demonstrated a great promise as a therapeutic option for itching relief, due to the fact that it acts as a potent agonist of transient receptor potential vanilloid 1 (TRPV1) receptors.

Materials and methods

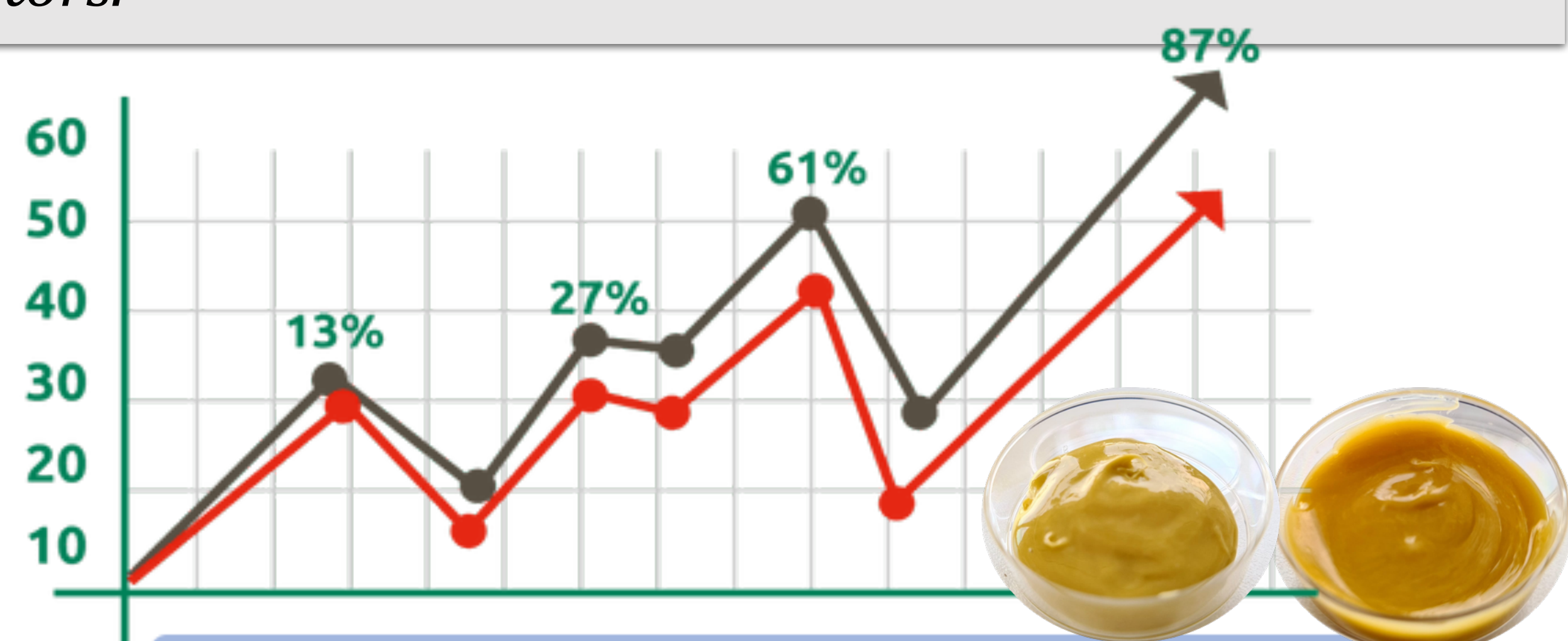
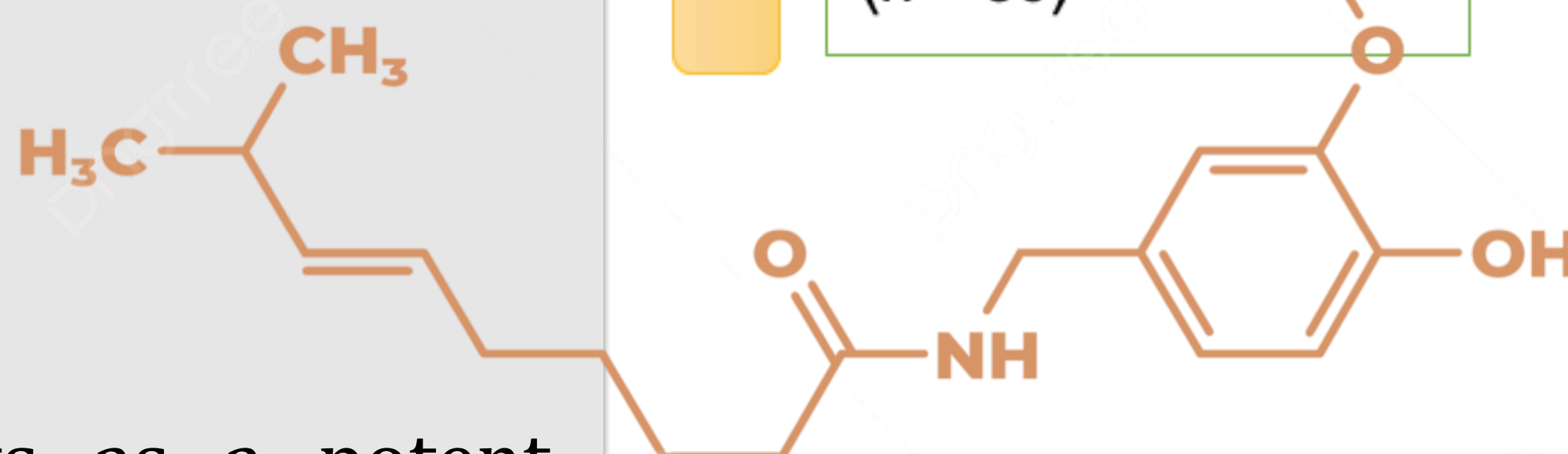
A comprehensive systematic literature review was conducted, encompassing relevant studies published within the time frame spanning from **2000 to 2023**. The search included electronic databases such as **Google Scholar** and **PubMed**, utilizing keywords related to itching, pruritus, capsaicin, and topical treatment. Studies focusing on the efficacy of capsaicin cream in managing itching across different etiologies were considered relevant.

Results and discussions

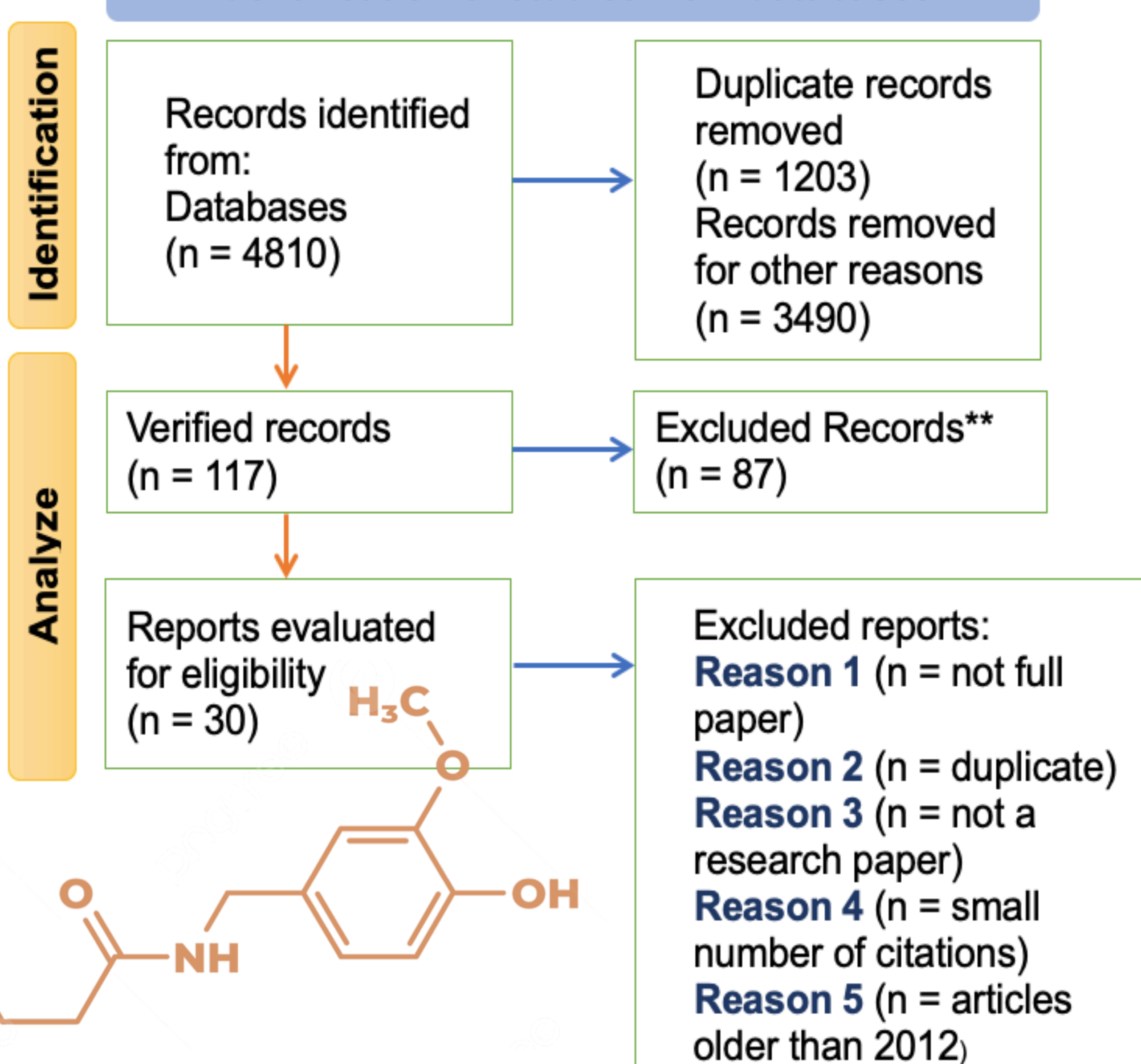
The findings revealed that topical capsaicin cream demonstrated a great promise as a therapeutic option for pruritus relief.



The natural compound acts as a potent agonist TRPV1 receptors, which are involved in transmitting itch signals. By desensitizing these receptors, capsaicin cream can neutralize the perception of pruritus.



Identification of studies from databases



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