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(57) Abstract :

The present invention relates to a novel method for extracting and purifying bioactive compounds from plant extracts. The method is highly efficient, cost-effective, and suitable for large-scale production. The method comprises selecting plant material, extracting bioactive compounds using a solvent or a combination of solvents, concentrating the extract, and purifying the concentrated extract to obtain pure bioactive compounds. The purification is performed using chromatographic methods or precipitation/crystallization techniques. The method has several advantages over traditional methods, including higher yields of pure bioactive compounds and reduced processing time. The method is used in the food, pharmaceutical, and cosmetic industries to extract and purify bioactive compounds from plant materials for various applications. The present invention provides a simple, yet effective method for the extraction and purification of bioactive compounds from plant extracts, making it a valuable contribution to the field of natural product chemistry.

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