

METHOD FOR SEPARATING EIGHTEEN COMPONENTS IN TRADITIONAL CHINESE MEDICINE COMPOSITION

Abstract

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The invention belongs to the field of quality analysis and control of traditional Chinese medicine, and provides a method for separating eighteen components in a traditional Chinese medicine composition, comprising: (1) preparing the traditional Chinese medicine composition into a total extract of the traditional Chinese medicine composition, separating
10 by resin through sequentially eluting with water, 10% ethanol and 30% ethanol, and collecting the 30% ethanol eluate to obtain a 30% ethanol extract; (2) adding the 30% ethanol extract to a reverse phase silica gel ODS-AQ-HG, and separating in a medium pressure separation column to obtain differently numbered elution dry pastes; (3) dissolving the
15 differently numbered elution dry paste with 30% methanol as a solvent, and passing the solution through a 0.45 μ m microporous membrane, carrying out a primary separation by high performance liquid chromatography and collecting chromatographic peaks with different retention times, and further purifying by high performance liquid chromatography;
20 finally obtaining the components of eighteen components. The separation method of the present invention enables in-depth study of the chemical components of a pharmaceutical composition.

No figures in application