

Abstract

Disclosed are a preparation method for a forsythia suspensa leaf extract and a use of the extract for increasing the abundance of AKK in intestinal tracts, which relate to the technical field of medicine. The preparation method for the forsythia suspensa leaf extract includes: taking forsythia suspensa leaves, adding a solvent at 90°C or more for 10 to 40 minutes, filtering and then adding an extractant for extraction to obtain a first product; filtering the first product, taking a supernatant, adsorbing, eluting, and concentrating under reduced pressure to obtain an extract, and freeze-drying to obtain a second product; and dissolving the second product in water, carrying out chromatography, then eluting, collecting an eluate, concentrating under reduced pressure, and freeze-drying into a powder form to obtain the forsythia suspensa leaf extract. The prepared forsythia suspensa leaf extract has a good gastrointestinal function regulating effect, and animal experiments show that the content of AKK is significantly increased when the dosage is greater than or equal to 75 mg/kg.