

VASCULAR EMBOLIC AGENT, METHOD FOR PREPARING SAME AND USE THEREOF

ABSTRACT

Provided are a vascular embolic agent, a method for preparing same and use thereof. The method for preparing the vascular embolic agent comprises the following steps: (1) dissolving a 1,2-dithiolane compound, a polyphenol compound and an alkaloid in an organic solvent A to obtain a mixed solution A; (2) sealing the mixed solution A, and reacting same in an environment of 70°C or above for 5-12 hours to obtain a mixed solution B; and (3) cooling the mixed solution B to room temperature, and adding an organic solvent B into the cooled mixed solution B for dilution to obtain the vascular embolic agent. The vascular embolic agent prepared by means of the method has outstanding biocompatibility, stable mechanical performance, excellent intravascular properties, is easily delivered to microvessels and complex-shaped target blood vessels, does not adhere to blood vessels, and can be developed without imaging artifacts.

FIG. 1