

A Method for Preparing A Surface Enhanced Raman Spectroscopy Particle

Abstract

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There is provided a method of preparing a surface enhanced Raman spectroscopy (SERS) particle comprising the step of encapsulating a plurality of Raman molecules on the surface of a metallic core with a biocompatible protective shell at an elevated temperature selected to decrease the encapsulation time by more than one-fold relative to an encapsulation performed at 20°C.

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Fig. 1