POROUS TRICALCIUM PHOSPHATE MATERIAL, PHARMACEUTICAL COMPOSITION THEREOF FOR USE IN BONE HEALING AND MANUFACTURING METHOD THEREOF

ABSTRACT

The present invention provides a porous tricalcium phosphate material, modified from a coral bone and having a plurality of pores, wherein the average compressive strength of the porous tricalcium phosphate material is 4 kgf to 9 kgf. Besides, the present invention also provides a pharmaceutical composition for use in bone healing and a manufacturing method for the porous tricalcium phosphate material. The porous tricalcium phosphate material of the present invention has the advantages of biocompatibility and no immunological rejection response, and also has significantly better mechanical properties and bone healing efficacy so as to better meet the needs of the patients.

FIG.1