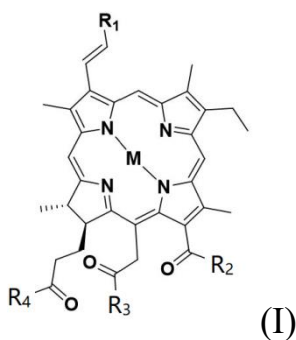


ABSTRACT

CHLORIN DERIVATIVE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, PREPARATION METHOD AND USE THEREOF, AND 5 COMBINATION THEREOF WITH AN ULTRASONIC MEDICAL SYSTEM

The present invention relates to a chlorin derivative or a
pharmaceutically acceptable salt thereof, a preparation method thereof, an
anti-tumor composition including the chlorin derivative or the
10 pharmaceutically acceptable salt thereof, use of the chlorin derivative or
the pharmaceutically acceptable salt thereof in the manufacture of an
anti-tumor drug, and a combination of the chlorin derivative or the
pharmaceutically acceptable salt thereof and an ultrasound medical
system. The chlorin derivative or the pharmaceutically acceptable salt
15 thereof has a structure represented by formula (I), and the ultrasonic
medical system comprises a transducer ultrasonic bed and a contact agent.
The chlorin derivative of the present invention can be used in
photodynamic therapy and sonodynamic therapy, thereby effectively
inhibiting and treating cancer.



(FIG.1)