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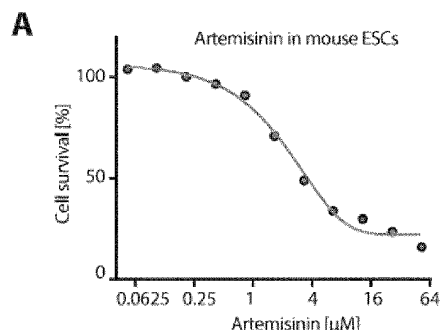
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(54) Title: A PHARMACEUTICAL COMBINATION OF AN ARTEMISININ COMPOUND, 5-AMINOLEVULINIC ACID OR METHYL-5-AMINOLEVULINIC ACID AND A CHEMOTHERAPEUTIC AGENT

Figure 5



(57) Abstract: The present invention relates to a pharmaceutical composition comprising an artemisinin compound, and 5-aminolevulinic acid or methyl-5-aminolevulinic acid and at least one chemotherapeutic agent, preferably at least one anti-glioblastoma drug. This pharmaceutical composition is used for the prophylaxis and/or treatment of hematopoietic cancers, brain cancer, pancreatic cancer, liver cancer, breast cancer, and lung cancer such as non-small cell lung cancer. Preferably, the present application provides a pharmaceutical composition comprising artemisinin (1a) or dihydroartemisinin (1b) or artesunate (1c) and 5-aminolevulinic acid (2) or methyl-5-aminolevulinic acid (2b) and at least one chemotherapeutic agent, preferably at least one anti-glioblastoma drug for use in prophylaxis and/or treatment of brain cancer, in particular glioblastoma.