

1. APPLICATION OF FLUOROPYRIDOXAL IN PREPARING MEDICINE FOR COPING WITH CANCER

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摘要

The present disclosure belongs to the technical field of biomedicine, and discloses application of fluoropyridoxal in preparing medicine for coping with cancer, which includes application of fluoropyridoxal in preparing medicine for preventing and/or relieving and/or treating cancer. The cancer is ovarian cancer. The medicine for preventing and/or relieving and/or treating cancer includes the fluoropyridoxal and a pharmaceutically acceptable carrier. A dosage form of the medicine for preventing and/or relieving and/or treating cancer is tablets, granules, capsules, suspending agents, syrup, emulsion, or injection. The fluoropyridoxal induces senescent-like death, cycle arrest and apoptosis of cancer cells. The fluoropyridoxal acts by inducing the apoptosis of the cancer cells. The fluoropyridoxal of the present disclosure can effectively inhibit proliferation and growth of human ovarian cancer cell lines SKOV3, OVCAR3, 3AO, and ES-2. The fluoropyridoxal of the present disclosure can be used as effective medicine for treating the ovarian cancer.