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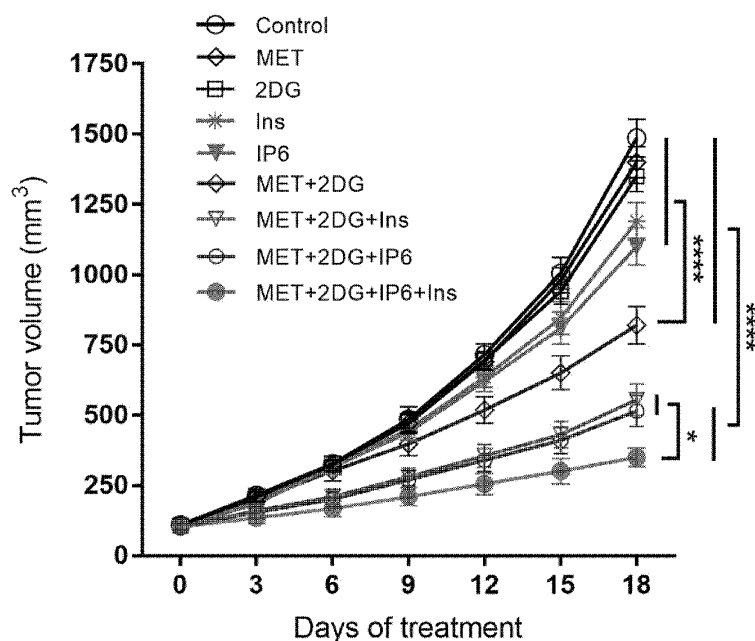
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(54) Title: ANTICANCER COMPOSITION



(57) Abstract: The present invention relates to a composition comprising, as active ingredients: (1) a biguanide-based compound or a pharmaceutically acceptable salt thereof; (2) 2-deoxy-D-glucose; and (3) inositol hexaphosphate or a pharmaceutically acceptable salt thereof, inositol, or a mixture thereof. The composition according to the present invention exhibits a synergistic anticancer effect by appropriately combining specific drugs having a problem that needs to be used in a large amount, thereby making it possible to kill cancer cells in a small amount and effectively treat the cancer. Furthermore, the composition of the present invention may kill only cancer cells without side effects by exhibiting a specific toxic effect on cancer cells without showing toxicity on normal cells and thus may be usefully used as an anticancer agent and for preventing or improving cancer.

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