

[Open Peer Review on Qeios](#)

# Cell Cycle Checkpoint/DNA Repair Antagonist IC83

National Cancer Institute

## Source

National Cancer Institute. *Cell Cycle Checkpoint/DNA Repair Antagonist IC83*. NCI Thesaurus. Code C67075.

A proprietary agent with potential antineoplastic activity. IC83 appears to target cell cycle checkpoint/DNA repair enzymes, which are involved in the recognition and repair of damaged DNA and are overexpressed in many types of cancer cells. Inhibition of cell cycle checkpoint/DNA repair enzymes may enhance the cytotoxicity of DNA damaging agents and dissipate tumor cell resistance to chemotherapy and radiation therapy.