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# Etoposide Phosphate

National Cancer Institute

## Source

National Cancer Institute. *Etoposide Phosphate*. NCI Thesaurus. Code C1093.

A phosphate salt of a semisynthetic derivative of podophyllotoxin. Etoposide binds to the enzyme topoisomerase II, inducing double-strand DNA breaks, inhibiting DNA repair, and resulting in decreased DNA synthesis and tumor cell proliferation. Cells in the S and G2 phases of the cell cycle are most sensitive to this agent. (NCI04)