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# Lapatinib Ditosylate

National Cancer Institute

## Source

National Cancer Institute. *Lapatinib Ditosylate*. NCI Thesaurus. Code C66878.

The ditosylate salt of lapatinib, a synthetic, orally-active quinazoline with potential antineoplastic activity. Lapatinib reversibly blocks phosphorylation of the epidermal growth factor receptor (EGFR), ErbB2, and the Erk-1 and-2 and AKT kinases; it also inhibits cyclin D protein levels in human tumor cell lines and xenografts. EGFR and ErbB2 have been implicated in the growth of various tumor types.