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Icotinib

National Cancer Institute

Source

National Cancer Institute. *Icotinib*. NCI Thesaurus. Code C138996.

An orally available quinazoline-based inhibitor of epidermal growth factor receptor (EGFR), with potential antineoplastic activity. Icotinib selectively inhibits the wild-type and several mutated forms of EGFR tyrosine kinase. This may lead to an inhibition of EGFR-mediated signal transduction and may inhibit cancer cell proliferation. EGFR, a receptor tyrosine kinase, has been upregulated in a variety of cancer cell types.