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# EGFR Inhibitor AZD3759

National Cancer Institute

## Source

National Cancer Institute. *EGFR Inhibitor AZD3759*. NCI Thesaurus. Code C118289.

An orally available inhibitor of the epidermal growth factor receptor (EGFR), with potential antineoplastic activity. Upon oral administration, AZD3759 binds to and inhibits the activity of EGFR as well as certain mutant forms of EGFR. This prevents EGFR-mediated signaling, and may lead to both induction of cell death and inhibition of tumor growth in EGFR-overexpressing cells. EGFR, a receptor tyrosine kinase mutated in many tumor cell types, plays a key role in tumor cell proliferation and tumor vascularization.