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Brivanib

National Cancer Institute

Source

National Cancer Institute. *Brivanib*. NCI Thesaurus. Code C67040.

A pyrrolotriazine-based compound and an inhibitor of vascular endothelial growth factor receptor-2 (VEGFR-2) with potential antineoplastic activity. BMS-540215 specifically targets and binds strongly to human VEGFR-2, a tyrosine kinase receptor and pro-angiogenic growth factor expressed almost exclusively on vascular endothelial cells. Blockade of VEGFR-2 by this agent may lead to an inhibition of VEGF-stimulated endothelial cell migration and proliferation, thereby inhibiting tumor angiogenesis.