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Vismodegib

National Cancer Institute

Source

National Cancer Institute. *Vismodegib*. NCI Thesaurus. Code C74038.

An orally bioavailable small molecule with potential antineoplastic activity. Hedgehog antagonist GDC-0449 targets the Hedgehog signaling pathway, blocking the activities of the Hedgehog-ligand cell surface receptors PTCH and/or SMO and suppressing Hedgehog signaling. The Hedgehog signaling pathway plays an important role in tissue growth and repair; aberrant constitutive activation of Hedgehog pathway signaling and uncontrolled cellular proliferation may be associated with mutations in the Hedgehog-ligand cell surface receptors PTCH and SMO.