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# Sonidegib

National Cancer Institute

## Source

National Cancer Institute. *Sonidegib*. NCI Thesaurus. Code C82385.

An orally bioavailable small-molecule smoothened (Smo) antagonist with potential antineoplastic activity. Sonidegib selectively binds to the hedgehog (Hh)-ligand cell surface receptor Smo, which may result in the suppression of the Hh signaling pathway and, so, the inhibition of tumor cells in which this pathway is abnormally activated. The Hh signaling pathway plays an important role in cellular growth, differentiation and repair. Inappropriate activation of Hh pathway signaling and uncontrolled cellular proliferation, as is observed in a variety of cancers, may be associated with mutations in the Hh-ligand cell surface receptor Smo.