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# Hedgehog Inhibitor IPI-609

National Cancer Institute

## Source

National Cancer Institute. *Hedgehog Inhibitor IPI-609*. NCI Thesaurus. Code C60772.

A novel proprietary small molecule, and a selective inhibitor of sonic hedgehog signaling pathway, with potential anti-tumor activity. The hedgehog signaling pathway is normally active during neuronal development in embryos and quiescent in adult cells. However, aberrant activation of the hedgehog pathway in adults has been implicated in many cancers, including cancers of the pancreas, prostate, lung (small cell), and brain (glioma). IPI-609 exerts its effect through inhibiting the hedgehog signaling pathway and thereby alters gene expressions of the cancer cells.