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Oncolytic HSV1716

National Cancer Institute

Source

National Cancer Institute. *Oncolytic HSV1716*. NCI Thesaurus. Code C84840.

A neuroattenuated, replication-restricted, ICP34.5 deleted (RL1 gene)-mutant herpes simplex virus (HSV) type I, constructed from wild-type strain 17, with potential oncolytic activity. Upon intratumoral injection, oncolytic HSV1716 transfects, replicates in, and lyses rapidly dividing cells such as tumor cells. Because the RL1 gene is deleted, HSV1716 is unable to replicate in non-dividing cells.