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Cenersen

National Cancer Institute

Source

National Cancer Institute. *Cenersen*. NCI Thesaurus. Code C37454.

A phosphorothioate oligonucleotide harboring nucleotide sequences complementary to tumor suppressor p53 mRNA. Cenersen hybridizes with p53 mRNA molecules, and induces RNase H dependent hydrolysis of p53 transcripts in the double stranded section of the hybrids, thereby resulting in loss of p53 production. Loss of p53 activity leads to sensitization of cancer cells to other therapeutics.