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C-raf Antisense Oligonucleotide ISIS 5132

National Cancer Institute

Source

National Cancer Institute. *c-raf Antisense Oligonucleotide ISIS 5132*. NCI Thesaurus. Code C2721.

A synthetic, 20-base antisense oligodeoxynucleotide that hybridizes to c-raf kinase messenger RNA. ISIS 5132 has been shown to specifically suppress Raf-1 expression both in vitro and in vivo. Raf-1 serine/threonine kinase functions as a critical effector of Ras-mediated signal transduction; constitutive activation of this pathway directly contributes to malignant transformation. (NCI04)