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Danvatirsen

National Cancer Institute

Source

National Cancer Institute. *Danvatirsen*. NCI Thesaurus. Code C101368.

An antisense oligonucleotide targeting signal transducer and activator of transcription 3 (STAT3) with potential antitumor activity. Danvatirsen binds to STAT3 mRNA, thereby inhibiting translation of the transcript. Suppression of STAT3 expression induces tumor cell apoptosis and decreases tumor cell growth. STAT3, a protein overexpressed in a variety of human cancers, plays a critical role in tumor cell growth and survival.