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Recombinant Super-compound Interferon

National Cancer Institute

Source

National Cancer Institute. *Recombinant Super-compound Interferon*. NCI Thesaurus. Code C121542.

A recombinant form of the naturally-occurring cytokine interferon-alpha (IFN- α) that has a modified spatial configuration, with immunomodulating, antiviral and antineoplastic activities. Upon administration of recombinant super-compound interferon (rSIFN-co), this agent binds to IFN-specific cell surface receptors, resulting in the transcription and translation of genes whose protein products have antiviral, antiproliferative, anticancer, and immune-modulating effects. The 3-dimensional conformational change improves efficacy and causes less side effects compared to IFN- α .