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Anakinra

National Cancer Institute

Source

National Cancer Institute. *Anakinra*. NCI Thesaurus. Code C38717.

A recombinant human nonglycosylated interleukin-1 (IL-1) receptor antagonist with potential antineoplastic activity. Anakinra binds to the IL-1 receptor, thereby blocking the binding of the IL-1 to and activation of its receptor. Blockade of IL-1 activity may inhibit the cascade of downstream pro-angiogenic factors such as vascular endothelial cell growth factor, tumor necrosis factor-alpha, and IL-6, resulting in inhibition of tumor angiogenesis. (NCI04)