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Intermediate-affinity Interleukin-2 Receptor Agonist ALKS 4230

National Cancer Institute

Source

National Cancer Institute. *Intermediate-affinity Interleukin-2 Receptor Agonist ALKS 4230*. NCI Thesaurus. Code C128107.

A selective effector cell activator protein and agonist of the intermediate-affinity interleukin-2 (IL-2) receptor with potential immunostimulating and antineoplastic activity. Upon administration, intermediate-affinity interleukin-2 receptor agonist ALKS 4230 binds to and signals through the intermediate-affinity IL-2 receptor complex; this may selectively stimulate and activate natural killer (NK) cells and memory CD8 T-cells, leading to tumor cell elimination, while circumventing the activation of immunosuppressive cells that may prevent the anti-tumor response. IL-2 is a cytokine signaling molecule that plays a critical role in the immune response.