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Pomalidomide

National Cancer Institute

Source

National Cancer Institute. *Pomalidomide*. NCI Thesaurus. Code C72560.

An orally bioavailable derivative of thalidomide with potential immunomodulating, antiangiogenic and antineoplastic activities. Although its exact mechanism of action has yet to be fully elucidated, pomalidomide appears to inhibit TNF-alpha production, enhance the activity of T cells and natural killer (NK) cells and enhance antibody-dependent cellular cytotoxicity (ADCC). In addition, pomalidomide may inhibit tumor angiogenesis, promote cell cycle arrest in susceptible tumor cell populations, and stimulate erythropoiesis.