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Tilarginine

National Cancer Institute

Source

National Cancer Institute. *Tilarginine*. NCI Thesaurus. Code C1178.

A pan-nitric oxide synthase (NOS) inhibitor, with potential immunomodulating and antineoplastic activities. Upon administration, tilarginine binds to and inhibits NOS, a free radical signaling molecule that promotes angiogenesis, metastasis, and immunosuppression in the tumor microenvironment (TME). Reduction in NOS activity may abrogate the immunosuppressive TME, enhance tumor antigen-specific immune response and inhibit tumor cell proliferation.