

[Open Peer Review on Qeios](#)

GITR Agonist MEDI1873

National Cancer Institute

Source

National Cancer Institute. *GITR Agonist MEDI1873*. NCI Thesaurus. Code C124651.

An agonist of human glucocorticoid-induced tumor necrosis factor receptor (tumor necrosis factor superfamily, member 18; TNFRSF18; GITR), with potential immunomodulating and antineoplastic activities. Upon administration, GITR agonist MEDI1873 binds to GITR found on multiple types of T-cells, thereby inducing both the activation and proliferation of tumor antigen-specific T effector cells. This abrogates the suppression of T effector cells which is induced by inappropriately activated T regulatory cells (T regs), and activates the immune system to help eradicate tumor cells. GITR, a member of the TNF receptor superfamily, is expressed on the surface of multiple types of immune cells, including regulatory T-cells, effector T-cells, B-cells, dendritic cells (DCs) and natural killer (NK) cells.