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IMREG-1

National Cancer Institute

Source

National Cancer Institute. *IMREG-1*. NCI Thesaurus. Code C1132.

A low molecular weight fraction of human leukocyte dialysates with potential immunostimulatory activity. IMREG-1 is shown to augment and accelerate human delayed type hypersensitivity (DTH) to recall antigen in vivo, potentiate production of interleukin-2 (IL-2) and interferon gamma, and induce expression of IL-2 receptor in peripheral blood mononuclear cells. These effects are attributed to the peptides Tyr-Gly and Tyr-Gly-Gly, which are identical to the N-terminal end of the enkephalins. Studies in HIV patients have shown that this agent may delay progression to more serious disease and improve laboratory markers.