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MELITAC 12.1 Peptide Vaccine

National Cancer Institute

Source

National Cancer Institute. *MELITAC 12.1 Peptide Vaccine*. NCI Thesaurus. Code C95741.

A peptide cancer vaccine consisting of an emulsion of a mixture of 12 class I MHC-restricted melanoma peptides and a class II MHC-restricted tetanus toxoid helper peptide, with potential immunostimulating and antineoplastic activities. Upon administration, the MELITAC 12.1 peptide vaccine may stimulate the host immune system to mount a cytotoxic T-cell response against tumor cells expressing the melanoma peptide antigens, resulting in tumor cell lysis. The melanoma peptides contained in the vaccine are upregulated in melanoma cancer cells.