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North American Ginseng Extract AFX-2

National Cancer Institute

Source

National Cancer Institute. *North American Ginseng Extract AFX-2*. NCI Thesaurus. Code C99122.

An orally available proprietary aqueous extract from the North American ginseng (*Panax quinquefolius*) dried root, primarily containing poly-furanosyl-pyranosyl-saccharides, with potential immunostimulating activity. Upon administration, North American ginseng extract AFX-2 may stimulate the proliferation and activation of B-lymphocytes and stimulates IgG production by B cells. Also, this agent induces maturation of dendritic cells, induces T cell proliferation and activates peritoneal exudate macrophages leading to an increase in the production of the cytokines interleukin -1 and -6, tumor necrosis factor-alpha, interferon-gamma and nitric oxide.