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Plant-Derived Hematopoiesis Enhancer PG2

National Cancer Institute

Source

National Cancer Institute. *Plant-Derived Hematopoiesis Enhancer PG2*. NCI Thesaurus. Code C70640.

A proprietary botanical formulation derived from a traditional Chinese medicinal (TCM) plant with hematopoietic activity. Although the mechanism of action has yet to be fully elucidated, plant-derived hematopoiesis enhancer PG2 appears to stimulate multi-lineage progenitor cells that may be closely related to the hematopoietic stem cell. In both chemotherapy- and radiation therapy-induced animal models of myelosuppression, this agent has been shown to restore granulocyte, erythrocyte, and platelet counts to normal levels. Plant-derived hematopoiesis enhancer PG2 stimulates the production of numerous cytokines such as granulocyte-colony stimulating factor (G-CSF) and may stimulate the production of neuroendocrine hormones.