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# Lung-targeted Immunomodulator QBKPN

National Cancer Institute

## Source

National Cancer Institute. *Lung-targeted Immunomodulator QBKPN*. NCI Thesaurus. Code C118623.

A proprietary, lung-targeted, site specific immunomodulator (SSI), with potential immunostimulating and antineoplastic activities. Although the exact type and composition of the lung-targeted immunomodulator QBKPN has yet to be fully disclosed, upon subcutaneous administration, this agent is able to activate a local innate immune response in the lung tissue. This results in an increased number of M1 macrophages, which induces a shift from M2 to M1 macrophage dominance in the tumor microenvironment, and stimulates the recruitment of other immune cells. The M1 macrophages exert antitumor activity and eradicate lung cancer cells through phagocytosis. QBKPN does not induce a systemic immune response or affect other organs or tissues. Altogether, this SSI may decrease tumor cell growth in the lungs. SSIs contain specific, inactivated components of pathogens, such as bacteria and/or viruses, which normally cause an acute infection in the specific organ or tissue of interest.