PNC-27

What is PNC-27?

Anti-cancer peptide, PNC-27, is a membrane-active peptide that binds to the HDM-2 protein expressed in the cancer cell membranes of solid tissue tumor cells. The peptide induces transmembrane pore formation in cancer, but not in normal cells, resulting in tumor cell necrosis (cell death).

PNC-27 has shown to be highly effective in selectively targeting a wide variety of specific forms of cancer, including pancreatic cancer, breast cancer, leukemia, melanoma, and additional cancer lines.

How does PNC 27 work?

Cancer cells have HDM-2 in their cell membranes. When the PNC-27 is administered, it immediately travels to the HDM-2 located in the membranes of cancerous cells. By binding to them it creates pores or holes in the cell membrane causing death of the cell membrane. This, in turn, leads to the destruction of the cancer cell.

Indications:

- Target cancer cells

