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MUC1-targeted Peptide GO-203-2C

National Cancer Institute

Source

National Cancer Institute. *MUC1-targeted Peptide GO-203-2C*. NCI Thesaurus. Code C95722.

An optimized small peptide drug candidate targeting epithelial mucin (MUC1) with antineoplastic activity. MUC1-targeted peptide GO-203-2C interacts with oncoprotein MUC1 C-terminal subunit on the cell surface, thereby impeding cell-cell interactions, signaling, and metastasis. MUC1 antigen, a membrane bound glycoprotein expressed by most glandular and ductal epithelial cells, is over-expressed in many diverse human carcinomas including those of the breast, prostate, lung, colon, pancreas, and ovary, and has been associated with poor prognosis.