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Fluorescent Protease-activated Peptide AVB-620

National Cancer Institute

Source

National Cancer Institute. *Fluorescent Protease-activated Peptide AVB-620*. NCI Thesaurus. Code C121545.

A protease-cleavable peptide linked to a fluorescent probe, with potential imaging activity. Upon intravenous infusion of the fluorescent protease-activated peptide AVB-620 before surgery, the peptide moiety of AVB-620 can be cleaved by proteases overexpressed by tumor cells. This activates the fluorescent probe and the tumor cells expressing the proteases can be detected using a fluorescence imaging system. This allows for the visualization and removal of the tumor during surgery.