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Fluorescence Imaging Agent EMI-137

National Cancer Institute

Source

National Cancer Institute. *Fluorescence Imaging Agent EMI-137*. NCI Thesaurus. Code C126272.

A water-soluble compound composed of a 26-amino acid cyclic peptide targeting the human hepatocyte growth factor receptor (c-MET) conjugated to a cyanine-based fluorescent dye, with potential fluorescent imaging activity. Upon administration of EMI-137, the peptide moiety specifically targets and binds to the human tyrosine kinase receptor c-Met, which is often overexpressed on cancer cells. Upon imaging, the cancer cells can be visualized.