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Gallium Ga 68 OPS202

National Cancer Institute

Source

National Cancer Institute. *Gallium Ga 68 OPS202*. NCI Thesaurus. Code C116710.

A radioconjugate consisting of the somatostatin antagonistic peptide OPS202 that is labeled with the positron-emitting radionuclide gallium Ga 68, which may be used as a somatostatin receptor (SSTR) imaging agent in conjunction with positron emission tomography (PET) to image neuroendocrine tumors (NETs). Gallium Ga 68 OPS202 binds to SSTR subtype 2 present on the cell membranes of many types of NETs. This allows for visualization of SSTR-positive cells upon imaging. SSTR subtypes have been shown to be present in large numbers on NETs and their metastases, while most other normal tissues express low levels of SSTR subtypes.