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Indium In 111 Minigastrin Analog CP04

National Cancer Institute

Source

National Cancer Institute. *Indium In 111 Minigastrin Analog CP04*. NCI Thesaurus. Code C153428.

A radioconjugate consisting of the minigastrin analog, CP04, labeled with the gamma-emitting radioisotope indium-111, with radioimaging potential. Upon intravenous administration, ¹¹¹In-CP04 binds to and is subsequently internalized by cells expressing cholecystinin receptor subtype 2 (CCK2R), which is overexpressed in certain tumor types. ¹¹¹In-CP04 emits gamma radiation and X-ray photons that allow detection of tumor localization and distribution using gamma scintigraphy.