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Gallium Ga 68-NEB

National Cancer Institute

Source

National Cancer Institute. *Gallium Ga 68-NEB*. NCI Thesaurus. Code C123821.

A radiotracer composed of a truncated form of the azo dye Evans blue (EB) conjugated, via a 1,4,7-triazacyclononane-N,N',N''-triacetic acid (NOTA) linker (NEB), to the radioisotope gallium Ga 68, with potential blood pool imaging activity for use in positron emission tomography (PET). Upon administration of gallium Ga 68-NEB, the NEB moiety, which has high affinity for serum albumin, targets and forms a complex with albumin. Upon PET, the lymph nodes (LN) and lymphatic vessels as well as other desired tissues can be visualized.