

Catalogue Number	Product	Order number / Unit
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9721 HYNIC-TOC trifluoroacetate

Precursor for [^{99m}Tc]HYNIC-TOC

Molar Mass: 1170.40

C₅₅H₇₁N₁₃O₁₂S₂

[257943-19-4] (net peptide)

Colourless to off-white freeze-dried solid packaged in dark glass screw cap vials.

Purity: ≥ 95 %

Certificates:

CoA; MS (identity) and HPLC (purity)

Chemical Name:

CA index name: L-Cysteinamide, N-[(6-hydrazinyl-3-pyridinyl)carbonyl]-D-phenylalanyl-L-cysteinyl-L-tyrosyl-D-tryptophyl-L-lysyl-L-threonyl- N-[(1R,2R)-2-hydroxy-1-(hydroxymethyl)propyl]-, cyclic (2→7)-disulfide

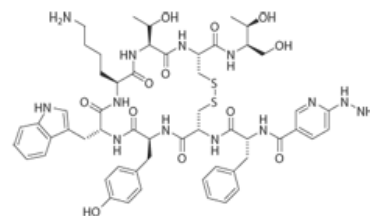
Synonyms:

L-Cysteinamide, N-[(6-hydrazino-3-pyridinyl)carbonyl]-D-phenylalanyl-L-cysteinyl-L-tyrosyl-D-tryptophyl-L-lysyl-L-threonyl-N-[(1R,2R)-2-hydroxy-1-(hydroxymethyl)propyl]-, cyclic (2→7)-disulfide; HYNIC-[Tyr³] Octreotide

Literature:

1. Decristoforo C. et al. ^{99m}Tc-EDDA/HYNIC-TOC: a new ^{99m}Tc-labelled radiopharmaceutical for imaging somatostatin receptor-positive tumours; first clinical results and intra-patient comparison with ¹¹¹In-labelled octreotide derivatives. *Eur J Nucl Med.* 2000, 27, 1318-25.
2. Decristoforo C. et al. ^{99m}Tc-HYNIC-[Tyr³]-octreotide for imaging somatostatin-receptor-positive tumors: preclinical evaluation and comparison with ¹¹¹In-octreotide. *J Nucl Med.* 2000, 41,1114-9.
3. Czepczynski, R. et al. Somatostatin receptor scintigraphy using ^{99m}Tc-EDDA/HYNIC-TOC in patients with medullary thyroid carcinoma. *Eur J. Nucl. Med. Mol. Imaging.* 2007, 34, 1635-45.

9720.0001: 1 mg per vial
9720.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.



HYNIC-TOC trifluoroacetate
hnic-o-Phe-Cys-Tyr-o-Trp-Lys-Thr-Cys-Thr(o)