

Catalogue Number	Product	Order number / Unit
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9744 DTPA-TOC trifluoroacetate
Precursor for radiolabelled DTPA-TOC
Ligand for somatostatin receptors

9744.0001: 1 mg per vial
9744.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.

Molar Mass: 1410.57

$C_{63}H_{87}N_{13}O_{20}S_2$

[147790-81-6] (net peptide)

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

Purity: $\geq 95\%$

Certificates:

CoA; MS (identity) and HPLC (purity)

Chemical Name:

CA index name: L-Cysteinamide, N-[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl]-N-(carboxymethyl)glycyl-D-phenylalanyl-L-cysteinyl-L-tyrosyl-D-tryptophyl-L-lysyl-L-threonyl-N-[(1R,2R)-2-hydroxy-1-(hydroxymethyl)propyl]-, cyclic (3→8)-disulfide

Synonymes:

1,2-Dithia-5,8,11,14,17-pentaazacycloeicosane, cyclic peptide deriv.; L-Cysteinamide, N-[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl]-N-(carboxymethyl)glycyl-D-phenylalanyl-L-cysteinyl-L-tyrosyl-D-tryptophyl-L-lysyl-L-threonyl-N-[2-hydroxy-1-(hydroxymethyl)propyl]-, cyclic (3→8)-disulfide, [R-(R*,R*)]-

Literature:

1. De Jong M. et al. Pre-clinical comparison of [DTPA0] octreotide, [DTPA0,Tyr3] octreotide and [DOTA0, Tyr3] octreotide as carriers for somatostatin receptor-targeted scintigraphy and radionuclide therapy. Int. J. Cancer 1998, 75, 406-411.

