

Catalogue Number	Product	Order number / Unit
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9867 **HYNIC-cyclo(RGDfK) dimer trifluoroacetate**
Precursor for $\alpha_v\beta_3$ integrin targeted, ^{99m}Tc -labelled RGD-peptides

Molar Mass: 1453.6 (net peptide)

$\text{C}_{65}\text{H}_{92}\text{N}_{22}\text{O}_{17}\text{S}_2$

[500166-11-0]

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

Purity: $\geq 95\%$

Certificates:

CoA; MS (identity); HPLC (purity)

Chemical Name:

Sequence: Hynic-cyclo(-Arg-Gly-Asp-D-Phe-Lys-) dimer

Synonymes:

CA index name: Cyclo(L-arginylglycyl-L- α -aspartyl-D-phenylalanyl-L-lysyl), 5,5'-[N-[(6-hydrazino-3-pyridinyl)carbonyl]-L-glutamoyl]bis-

Literature:

Jia B. et al. ^{99m}Tc -Labeled Cyclic RGDfK Dimer: Initial Evaluation for SPECT Imaging of Glioma Integrin $\alpha_v\beta_3$ Expression. *Bioconjugate Chem.* 2006, 17, 1069-1076.

Janssen M.L. et al. Tumor Targeting with Radiolabeled $\alpha_v\beta_3$ Integrin Binding Peptides in a Nude Mouse Model. *Cancer Res.* 2002, 62, 6146-6151.

9867.0001: 1 mg per vial
9867.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.

