

Catalogue Number	Product	Order number / Unit
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9800 Fluoropropionyl-Galacto-RGD
Reference standard for [¹⁸F]Galacto-RGD

Molar Mass: 866.89

C₃₇H₅₅FN₁₀O₁₃

CAS-RN not yet assigned

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

Purity: ≥ 95 %

Certificates:

CoA; MS (identity); HPLC (purity)

Chemical Name:

Sequence: cyclo[RGDfK([¹⁹F]galacto)]

[¹⁹F]galacto = (2,6-anhydro-7-deoxy-7-[[2-fluoro-¹⁹F]-1-oxopropyl]amino)-L-glycero-L-galacto-heptonoyl

Synonymes:

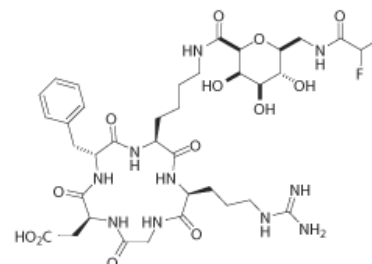
Cyclo[L-arginylglycyl-L-α-aspartyl-D-phenylalanyl-N6-[2,6-anhydro-7-deoxy-7-[[2-fluoro-1-oxopropyl]amino]- L-glycero-L-galacto-heptonoyl]-L-lysyl]

Literature:

Haubner R. et al. Non-Invasive Visualization of the Activated avb3 Integrin in Cancer Patients by Positron Emission Tomography and [¹⁸F]Galacto-RGD. *PLoS Medicine* 2005, 2, e70.

Haubner R. et al. Noninvasive imaging of avb3 integrin expression using 18F-labeled RGD-containing glycopeptide and positron emission tomography. *Cancer Res.* 2001, 61, 1781-1785.

Haubner R. et al. [¹⁸F]Galacto-RGD : synthesis, radiolabeling, metabolic stability, and radiation dose estimates. *Bioconjugate Chem.* 2004, 15, 61-69.



9800.0001: 1 mg per vial
9800.0010: 10 mg per vial
9800.0025: 25 mg per vial
Please inquire for customized filling and bulk quantities.

date of product catalogue issue: 10 May 2017