

## c(avb6)-DOTA TFA

## Chemical Properties

CAS No. :

Formula: C69H102F3N17O20

Molecular Weight: 1546.65

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	c(avb6)-DOTA TFA is a conjugate formed by the coupling of a selective $\alpha\beta6$ integrin cyclic peptide and a DPTA chelating agent. The Lu (III) complex of c(avb6)-DOTA TFA exhibits considerable affinity for $\alpha\beta6$ integrin (IC <sub>50</sub> =0.8 nM), making it suitable for tumor diagnostics.
Targets(IC <sub>50</sub> )	Integrin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6466 mL	3.2328 mL	6.4656 mL
5 mM	0.1293 mL	0.6466 mL	1.2931 mL
10 mM	0.0647 mL	0.3233 mL	0.6466 mL
50 mM	0.0129 mL	0.0647 mL	0.1293 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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