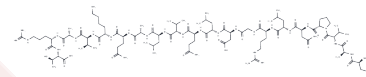


A20FMDV2

Chemical Properties

CAS No. : 932699-03-1
 Formula: C₉₃H₁₆₃N₃O₂₈
 Molecular Weight: 2163.48
 Storage: Keep away from moisture
 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	A20FMDV2 is a highly selective $\alpha\beta 6$ integrin inhibitor with an IC ₅₀ of 3 nM, demonstrating 1,000-fold greater selectivity for $\alpha\beta 6$ compared to other RGD-directed integrins like $\alpha\beta 3$, $\alpha\beta 5$, and $\alpha 5\beta 1$. This compound can be derived from the foot-and-mouth disease virus and is suitable for radiolabeling, enabling PET imaging of $\alpha\beta 6$ integrin-positive tumors.
Targets(IC50)	Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4622 mL	2.3111 mL	4.6222 mL
5 mM	0.0924 mL	0.4622 mL	0.9244 mL
10 mM	0.0462 mL	0.2311 mL	0.4622 mL
50 mM	0.0092 mL	0.0462 mL	0.0924 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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