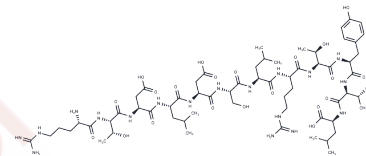


RTDLDLRLTYTL

Chemical Properties

CAS No. : 222557-93-9
 Formula: C₆₂H₁₀₄N₁₈O₂₂
 Molecular Weight: 1453.60
 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	RTDLDLRLTYTL is a high-affinity and specific inhibitor of Alpha (v) beta (6) integrin (avb6). By binding to the avb6 integrin, this peptide sequence activates T cell cytotoxicity and cytokine production, such as interferon-γ. Through the design of chimeric T cell antigen receptors (CAR), RTDLDLRLTYTL enables T cells to be redirected, allowing them to specifically recognize and attack tumor cells. It is used in research for cancer immunotherapy and the development of targeted drugs.
Targets(IC50)	Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6879 mL	3.4397 mL	6.8795 mL
5 mM	0.1376 mL	0.6879 mL	1.3759 mL
10 mM	0.0688 mL	0.344 mL	0.6879 mL
50 mM	0.0138 mL	0.0688 mL	0.1376 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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