

RTDLDLRLTYTL TFA

Chemical Properties

CAS No. :

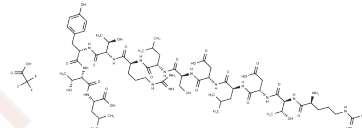
Formula: C₆₂H₁₀₄N₁₈O₂₂.XCF₃COOH

Molecular Weight: 1453.60

Keep away from moisture

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

RTDLDLRLTYTL is a ligand for α V β 6 integrin, exhibiting selective inhibition of fibronectin's binding to α V β 6 integrin with considerably less effect on the interactions between vitronectin and α V β 3 or α V β 5, as well as fibrinogen and α II β 3 (IC₅₀s = 0.02, >50, >50, and >50 μ M, respectively). Additionally, it prevents HT-29 colon cancer cells from binding to fibronectin in a concentration-dependent fashion.

Solubility Information

Solubility

H₂O: Soluble
(< 1 mg/ml refers to the product slightly soluble or insoluble)

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

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