

RGDV

Chemical Properties

CAS No. : 93674-99-8

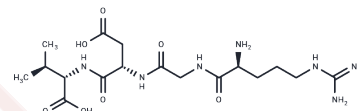
Formula: C17H31N7O7

Molecular Weight: 445.47

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	RGDV functions as a platelet aggregation inhibitor and disrupts platelet-dependent thrombus formation. Additionally, it serves in tumor recognition due to its targeting effect [1] [2].
In vitro	In a thrombus vessel model, RGDV (25-100 nM) selectively impedes platelet-dependent thrombus formation and diminishes the aggregation of platelets and fibrin on a collagen surface in a dose-dependent fashion [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2448 mL	11.2241 mL	22.4482 mL
5 mM	0.449 mL	2.2448 mL	4.4896 mL
10 mM	0.2245 mL	1.1224 mL	2.2448 mL
50 mM	0.0449 mL	0.2245 mL	0.449 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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