

GRGDSPK TFA

Chemical Properties

CAS No. :

Formula: C30H50F3N11O13

Molecular Weight: 829.78

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	GRGDSPK TFA (EMD 56574 TFA) is a peptide containing the Arg-Gly-Asp (RGD) sequence, serving as a competitive and reversible inhibitor of integrin-fibronectin binding. This compound is utilized in research to elucidate integrins' involvement in bone formation and resorption [1] [2].
Targets(IC50)	Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2051 mL	6.0257 mL	12.0514 mL
5 mM	0.241 mL	1.2051 mL	2.4103 mL
10 mM	0.1205 mL	0.6026 mL	1.2051 mL
50 mM	0.0241 mL	0.1205 mL	0.241 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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