

FFAGLDD

Chemical Properties

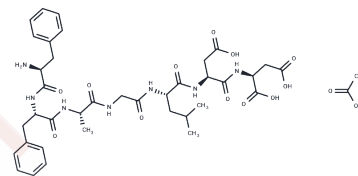
CAS No. :

Formula: C37H49N7O12

Molecular Weight: 783.82

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	FFAGLDD is a peptide selective for MMP9 cleavage, utilized for the cytosolic delivery of Doxorubicin (DOX) to achieve controlled, gradual drug delivery and release both temporally and spatially.
Targets(IC50)	MMP,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2758 mL	6.379 mL	12.758 mL
5 mM	0.2552 mL	1.2758 mL	2.5516 mL
10 mM	0.1276 mL	0.6379 mL	1.2758 mL
50 mM	0.0255 mL	0.1276 mL	0.2552 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.

Reference

Zhou Q, et al. Stimuli-responsive polymeric micelles for drug delivery and cancer therapy. Int J Nanomedicine. 2018 May 18;13:2921-2942.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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