

FFAGLDD TFA

Chemical Properties

CAS No. :

Formula: C39H50F3N7O14

Molecular Weight: 897.85

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	FFAGLDD TFA is an MMP9 selective cleavage peptide, which is used for the cytoplasmic transfer of doxorubicin (DOX) to realize the controlled slow drug delivery and release.
Targets(IC50)	MMP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1138 mL	5.5689 mL	11.1377 mL
5 mM	0.2228 mL	1.1138 mL	2.2275 mL
10 mM	0.1114 mL	0.5569 mL	1.1138 mL
50 mM	0.0223 mL	0.1114 mL	0.2228 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481