

## FFAGLDD amine salt

## Chemical Properties

CAS No. :

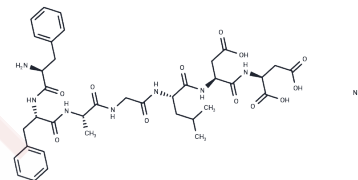
Formula: C37H52N8O12

Molecular Weight: 800.85

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 amine salt is MMP9 selective cleavage peptides, which used for cytosolic delivery of Doxorubi-cin (DOX) and achieve temporally and spatially controlled slow drug delivery and release.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2487 mL	6.2434 mL	12.4867 mL
5 mM	0.2497 mL	1.2487 mL	2.4973 mL
10 mM	0.1249 mL	0.6243 mL	1.2487 mL
50 mM	0.025 mL	0.1249 mL	0.2497 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481